## **Product Datasheet**

### IL-13R alpha 2 Recombinant Protein Antigen NBP3-21272PEP

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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#### NBP3-21272PEP

IL-13R alpha 2 Recombinant Protein Antigen

KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Applications       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-		
Concentration       Please see the vial label for concentration. If unlisted please contact technical services.         Storage       Store at -20C. Avoid freeze-thaw cycles.         Preservative       No Preservative         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       27 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source:       E.coli         Amino Acid Sequence:       YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       L113RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Applications       Antibody Competition 10-100 molar excess         Application Notes       This production 10-100 molar excess         Application Notes       This precombinant antigen is only intended to be used	Product Information	
services.         Storage       Store at -20C. Avoid freeze-thaw cycles.         Preservative       No Preservative         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       27 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Annino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNOSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Applications       Antibody Competition is only intended to be used as a blocking agent to confirm antibody, specificity with the corresponding number NBP3-21272. It is purfiled by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information and a protocol, dick	Unit Size	100 ul
Preservative       No Preservative         Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       27 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       L13RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support end cite choiced. global concentration is greater than 0.5 mg/ml.For current lot information and a protocol, click	Concentration	
Purity       >80% by SDS-PAGE and Coomassie blue staining         Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       27 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition         Applications       Antibody Competition         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NP3-21727. It is purified by IMAC chromatography, and the expected Concentration is greater than 0.5 mg/ml.For current to information, including availability, please contact our technical support is endowing availability, please contact our technical support and the expected Concentration is greater than 0.5 mg/ml.For current lot information and a protectol, click	Storage	Store at -20C. Avoid freeze-thaw cycles.
Buffer       PBS and 1M Urea, pH 7.4.         Target Molecular Weight       27 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition         Applications       Antibody Competition         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NP3-21272. It is purified VIMAC chromatography, and the expected Concentration is greater than 0.5 mg/ml.For current to information, including availability, please contact our technical support for current lot information and a protocol, click	Preservative	No Preservative
Target Molecular Weight       27 kDa         Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)       This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Applications       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21/22. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click mb-technical@ bio-technical@ bi	Purity	>80% by SDS-PAGE and Coomassie blue staining
Product Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Application Notes       Antibody Specificity with the corresponding antibody, catalog number NBP3-21/27. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click mb-technical@ibio-t	Buffer	PBS and 1M Urea, pH 7.4.
Description       A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IL-13R alpha 2         Source: E.coli       Amino Acid Sequence: YLGYLYLQWOPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition 10-100 molar excess         Application Notes       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-2122. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/mLFor current lot information, including availability, please contact our technical support team click nb-technical@bio-	Target Molecular Weight	27 kDa
human IL-13R alpha 2         Source: E.coli         Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS         Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)         This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly prohibited. Please contact technical support if you have any questions.         Gene ID       3598         Gene Symbol       IL13RA2         Species       Human         Product Application Details         Applications       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/mLFor current lot information, including availability, please contact our technical support team click mb-technical@bio- technic.com For further blocking pupifer elated information and a protocol, click	Product Description	
Gene Symbol       IL13RA2         Species       Human         Product Application Details       Antibody Competition         Applications       Antibody Competition 10-100 molar excess         Recommended Dilutions       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com_For further blocking peptide related information and a protocol, click	Description	<ul> <li>human IL-13R alpha 2</li> <li>Source: <i>E.coli</i></li> <li>Amino Acid Sequence: YLGYLYLQWQPPLSLDHFKECTVEYELKYRNIGSETWKTIITKNLHYKDGFDLN KGIEAKIHTLLPWQCTNGSEVQS</li> <li>Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</li> <li>This product is intended to be used as a blocking antigen for antibody competition assays. Any other use of this antigen is done at the risk of the user. The use of this product for commercial production is strictly</li> </ul>
SpeciesHumanProduct Application DetailsApplicationsAntibody CompetitionRecommended DilutionsAntibody Competition 10-100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio- techne.com For further blocking peptide related information and a protocol, click	Gene ID	3598
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ApplicationsAntibody CompetitionRecommended DilutionsAntibody Competition 10-100 molar excessApplication NotesThis recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio- techne.com For further blocking peptide related information and a protocol, click		Human
Recommended Dilutions       Antibody Competition 10-100 molar excess         Application Notes       This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click nb-technical@bio-techne.com	Product Application Details	
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confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click <u>nb-technical@bio-</u> <u>techne.com</u> For further blocking peptide related information and a protocol, click	<b>Recommended Dilutions</b>	Antibody Competition 10-100 molar excess
	Application Notes	confirm antibody specificity with the corresponding antibody, catalog number NBP3-21272. It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.For current lot information, including availability, please contact our technical support team click <u>nb-technical@bio-techne.com</u> For further blocking peptide related information and a protocol, click





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#### **General Contact Information**

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#### Products Related to NBP3-21272PEP

NBP2-23147	Recombinant Human IL-13R alpha 2 His Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
AF146	IL-13R alpha 2 Antibody [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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