

# Product Datasheet

## ITIH2 Recombinant Protein Antigen NBP2-31750PEP

Unit Size: 0.1 ml

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

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**NBP2-31750PEP****ITIH2 Recombinant Protein Antigen****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	PBS and 1M Urea, pH 7.4.
<b>Target Molecular Weight</b>	29 kDa

**Product Description**

<b>Description</b>	<p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human ITIH2.</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Amino Acid Sequence:</b>  LPGAKVQFELHYQE VKWRKLGSYEHRIYLQPGRLAKHLEVDVWVIEPQGLRFL  HVPDTFEGHFDGVPVISKGQKKAHVSVFKPTVAQQRICPNCRET</p> <p><b>Fusion Tag:</b> N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</p> <p><b>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.</b></p>
<b>Gene ID</b>	3698
<b>Gene Symbol</b>	ITIH2
<b>Species</b>	Human

**Product Application Details**

<b>Applications</b>	Antibody Competition
<b>Recommended Dilutions</b>	Antibody Competition 10 - 100 molar excess



<b>Application Notes</b>	<p>This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-31750.</p> <p>It is purified by IMAC chromatography, and the expected concentration is greater than 0.5 mg/ml.</p> <p>For current lot information, including availability, please contact our technical support team click <a href="mailto:nb-technical@bio-techne.com">nb-technical@bio-techne.com</a></p> <p>For further blocking peptide related information and a protocol, click <a href="#">here</a>.</p>
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## Publications

Yvonne Azasi, Leanne M Low, Ashley N Just, Sai S R Raghavan, Christian W Wang, Paola Valenzuela-Leon, J Alexandra Rowe, Joseph D Smith, Thomas Lavstsen, Louise Turner, Eric Calvo, Louis H Miller Complement C1s cleaves PfEMP1 at interdomain conserved sites inhibiting Plasmodium falciparum cytoadherence. Proceedings of the National Academy of Sciences of the United States of America 2021-12-09 [PMID: 34035177]





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### **Products Related to NBP2-31750PEP**

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210-TA-005	TNF-alpha [Unconjugated]
NBP2-31750	ITIH2 Antibody
M6000B-1	IL-6 [HRP]
DMP900	MMP-9 [HRP]

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### **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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