

Product Datasheet

Laminin beta 1 Recombinant Protein Antigen NBP2-42385PEP

Unit Size: 100 ul

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

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NBP2-42385PEP**Laminin beta 1 Recombinant Protein Antigen**

Product Information	
Unit Size	100 ul
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	34 kDa
Product Description	
Description	<p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human LAMB1.</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: GPRCDKCTRGYSGVFPDCTPCHQCFALWDVIIAELTNRTHRFLEKAKALKISGV IGPYRETVDSVERKVSEIKDILAQSPAAEPLKNIGNLFEEAEKLIKDVTE MMAQV EVKLSDTTSQSNSTAKELDSLQTEAESLDNTVKELAEQLEF</p> <p>Fusion Tag: N-terminal His6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)</p> <p>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.</p>
Gene ID	3912
Gene Symbol	LAMB1
Species	Human
Product Application Details	
Applications	Antibody Competition
Recommended Dilutions	Antibody Competition 10-100 molar excess

Application Notes	<p>This recombinant antigen is only intended to be used as a blocking agent to confirm antibody specificity with the corresponding antibody, catalog number NBP2-42385.</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 nb-technical@bio-techne.com</p> <p>For further blocking tide related information and a protocol, click here.</p>
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Publications

Karina Vargas-Sanchez, Monica Losada-Barragán, Maria Mogilevskaya, Susana Novoa-Herrán, Yehidi Medina, Cristian Buendía-Atencio, Vaneza Lorett-Velásquez, Jessica Martínez-Bernal, Rodrigo E. Gonzalez-Reyes, David Ramírez, Klaus G. Petry, Fabrizio Michetti Screening for Interacting Proteins with Peptide Biomarker of Blood–Brain Barrier Alteration under Inflammatory Conditions International Journal of Molecular Sciences 2021-04-29 [PMID: 33946948]

Juan F. Zapata-Acevedo, Mónica Losada-Barragán, Johann F. Osma, Juan C. Cruz, Andreas Reiber, Klaus G. Petry, Amael Caillard, Audrey Sauldubois, Daniel Llamasa Pérez, Aníbal José Morillo Zárate, Sonia Bermúdez Muñoz, Agustín Daza Moreno, Rafaela V. Silva, Carmen Infante-Duarte, William Chamorro-Coral, Rodrigo E. González-Reyes, Karina Vargas-Sánchez, Alexander V. Ljubimov Specific nanoprobe design for MRI: Targeting laminin in the blood-brain barrier to follow alteration due to neuroinflammation PLOS ONE 2024-04-11 [PMID: 38603692]





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Products Related to NBP2-42385PEP

NBP1-88073PEP	Laminin beta 1 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP1-51558	Laminin beta 1 Antibody (2D9G5) - BSA Free
NB300-144	Laminin Antibody

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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