

Product Datasheet

IZUMO1 Recombinant Protein Antigen NBP1-83086PEP

Unit Size: 0.1 ml

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

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NBP1-83086PEP**IZUMO1 Recombinant Protein Antigen**

Product Information	
Unit Size	0.1 ml
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	35 kDa

Product Description	
Description	A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human IZUMO1. Source: <i>E. coli</i> Amino Acid Sequence: VVLALKSLEKDYLPGHLDAKHHKAMMERVENAVKDFQELSLNEDAYMGVVDE ATLQKGSWSLLKDLKRITDSVDKGDLFVKELFWMLHLQKETFATYVARFQKEA YCPNKCGVMLQTLIWCKNCKKEVHACRKS YDCGERNVEVPQM 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	284359
Gene Symbol	IZUMO1
Species	Human

Product Application Details	
Applications	Antibody Competition
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 NBP1-83086.

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 [here](#).

Publications

Llavanera M, Delgado-Bermúdez A, Fernandez-Fuertes B, et al. GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. J Anim Sci Biotechnol. 2019-08-05 [PMID: 31391940] (ICC, WB, Human, Porcine)





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Products Related to NBP1-83086PEP

MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum
NBP1-83086	IZUMO1 Antibody
NB100-524	NOD2 Antibody (2D9) - BSA Free
7268-CT-100	CTLA-4 [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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