

# Product Datasheet

## ADAMTSL5 Recombinant Protein Antigen NBP1-93438PEP

Unit Size: 0.1 ml

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

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**NBP1-93438PEP****ADAMTSL5 Recombinant Protein Antigen**

<b>Product Information</b>	
<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>	27 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human ADAMTSL5.</p> <p><b>Source:</b> <i>E. coli</i></p> <p><b>Amino Acid Sequence:</b>            AHRLLLHYCGSDFVVFQARVLGHHHQAQETRYEVRIQLVYKNRSPLRAREYVWA            PGHCPCPMLAPHRDYLMQRLVSPDGTQDQ</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>	339366
<b>Gene Symbol</b>	ADAMTSL5
<b>Species</b>	Human

<b>Product Application Details</b>	
<b>Applications</b>	Antibody Competition
<b>Recommended Dilutions</b>	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 NBP1-93438.

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](mailto:nb-technical@bio-techne.com)

For further blocking peptide related information and a protocol, click [here](#).

**Publications**

Pouw JN, Olde Nordkamp MAM, van Kempen T et al. Regulatory T cells in psoriatic arthritis: an IL-17A-producing, Foxp3(int)CD161<sup>+</sup>ROR $\gamma$ <sup>+</sup>ICOS<sup>+</sup> phenotype, that associates with the presence of ADAMTSL5 autoantibodies Scientific Reports 2022-11-30 [PMID: 36450783] (ELISA)

Qiu J, Yuan Y, Li Y et al. Discovery of IgG4 Anti-Gliadin Autoantibody as a Potential Biomarker of Psoriasis Using an Autoantigen Array Proteomics Clin Appl 2019-10-31 [PMID: 31671471] (MiAr, Human)





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### **Products Related to NBP1-93438PEP**

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NBP1-84722	Fibrillin 1 Antibody
NBP1-93438	ADAMTSL5 Antibody
NLS938	NTS1/NTSR1 Antibody - BSA Free
NBP1-88169	Fibrillin 2 Antibody

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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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