

Product Datasheet

Sigma-1 R/OPRS1 Recombinant Protein Antigen NBP1-82480PEP

Unit Size: 0.1 ml

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

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NBP1-82480PEP

Sigma-1 R/OPRS1 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	29 kDa

Product Description	
Description	A recombinant protein antigen with a N-terminal His6-ABP tag corresponding to human SIGMAR1. Source: <i>E. coli</i> Amino Acid Sequence: HSGRYWAEISDTIISGTFHQWREGTTKSEVFYPGETVWHGPGEATAVEWGPNT WMVEYGRGVIPSTLAFALADTVFSTQDFLTLFYTLRSYARGLRLELTTY 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	10280
Gene Symbol	SIGMAR1
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 NBP1-82480. 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.
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Publications

Choi HS, Lee MJ, Choi SR et al. Spinal Sigma-1 receptor-mediated dephosphorylation of astrocytic aromatase plays a key role in formalin-induced inflammatory nociception. Neuroscience 2017-12-28 [PMID: 29289721] (Human)





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Products Related to NBP1-82480PEP

NBP1-82479PEP	Sigma-1 R/OPRS1 Recombinant Protein Antigen
AF835	Caspase-3 Antibody [Unconjugated] - Active
NBP1-82479	Sigma-1 R/OPRS1 Antibody
212-GD-010	GDNF [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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