

Product Datasheet

Recombinant Mouse IL-36Ra/IL-1F5 Protein NBP2-35125-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35125-100ug**Recombinant Mouse IL-36Ra/IL-1F5 Protein****Product Information**

Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	16.9 kDa

Product Description

Description	<p>A single non-glycosylated polypeptide chain containing 154 amino acids corresponding to IL-36Ra/IL-1F5 Source: <i>E. coli</i></p> <p>Uniprot ID: Q9QYY1</p> <p>Amino Acid Sequence: VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAEKVIKGEE ISVVPNRALD ASLSPVILGV QGGSQCLSCG TEKGPILKLE PVNIMELYLG AKESKSFTFY RRDMLTSSF ESAAYPGWFL CTSPEADQPV RLTQIPEDPA WDAITDFYF QQCD</p>
Gene ID	26525
Gene Symbol	IL36RN
Species	Mouse
Details of Functionality	IL36RA Protein is measured by its ability to inhibit IL-36gamma induced IL-6 production by human PBMCs.
Endotoxin Note	Less than 1 EU/ug of IL-36Ra/IL-1F5 as determined by LAL method.

Product Application Details

Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Publications

El-Awaisi J, Kavanagh DP, Rink MR et al. Targeting IL-36 improves age-related coronary microcirculatory dysfunction and attenuates myocardial ischaemia-reperfusion injury in mice JCI insight 2022-02-03 [PMID: 35113814]





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Products Related to NBP2-35125-100ug

NBP2-34872-100ug	Recombinant Human IL-36Ra/IL-1F5 Protein
210-TA-005	TNF-alpha [Unconjugated]
1275-IL-025/CF	IL-36Ra/IL-1F5 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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