

Product Datasheet

Recombinant Mouse CXCL12/SDF-1 alpha Protein NBP2-35155-100ug

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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NBP2-35155-100ug

Recombinant Mouse CXCL12/SDF-1 alpha 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	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	8 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 68 amino acids corresponding to CXCL12/SDF-1 alpha Source: <i>E. coli</i> Uniprot ID: <i>P40224</i> Amino Acid Sequence: <i>KPVSLSYRCP CRFFESHIAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK</i>
Gene ID	6387
Gene Symbol	CXCL12
Species	Mouse
Details of Functionality	CXCL1 Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 50-100 ng/ml.
Endotoxin Note	Less than 1 EU/ug of CXCL12/SDF-1 alpha as determined by LAL method.
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Publications

Ren C, Yuan Q, Braun M et al. Leukocyte Cytoskeleton Polarization Is Initiated by Plasma Membrane Curvature from Cell Attachment Dev. Cell 2019-03-23 [PMID: 30930167] (Func, Mouse)





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Products Related to NBP2-35155-100ug

NBP2-35258-10ug	Recombinant Human CXCL12/SDF-1 alpha Protein
210-TA-005	TNF-alpha [Unconjugated]
350-NS-010	CXCL12/SDF-1 alpha [Unconjugated]
DVE00	VEGF [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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