

Product Datasheet

Recombinant Rat CXCL12/SDF-1 alpha Protein NBP2-35290-100ug

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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NBP2-35290-100ug

Recombinant Rat 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 20 mM PB, pH 7.4, 150 mM NaCl.
Target Molecular Weight	7.9 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: Q9QZD1 Amino Acid Sequence: KPVLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKSNRQVC IDPKLKWIQE YLDKALNK
Gene ID	6387
Gene Symbol	CXCL12
Species	Rat
Details of Functionality	SDF1 alpha 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





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Products Related to NBP2-35290-100ug

NBP2-35155-100ug	Recombinant Mouse 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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