

Product Datasheet

Recombinant Human CXCL12/SDF-1 alpha Protein NBP2-35258-10ug

Unit Size: 10 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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NBP2-35258-10ug**Recombinant Human CXCL12/SDF-1 alpha Protein**

Product Information	
Unit Size	10 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 7.0, 130 mM NaCl.
Target Molecular Weight	8.0 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 68 amino acids corresponding to CXCL12/SDF-1 alpha Source: <i>E. coli</i></p> <p>Uniprot ID: P48061</p> <p>Amino Acid Sequence: KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK</p>
Gene ID	6387
Gene Symbol	CXCL12
Species	Human
Details of Functionality	SDF1 alpha Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using PHA and rHuIL-2 activated human peripheral blood T-lymphocytes is in a concentration range of 20-80 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 NBP2-35258-10ug

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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