

Product Datasheet

Recombinant Human SCF/c-kit Ligand Protein NBP2-35256-100ug

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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NBP2-35256-100ug

Recombinant Human SCF/c-kit Ligand Protein

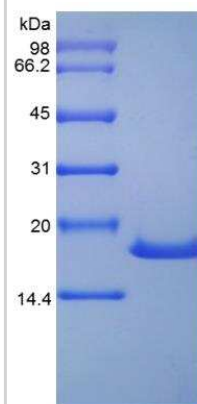
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	18.5 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 164 amino acids corresponding to SCF/c-kit Ligand Source: <i>E. coli</i></p> <p>Uniprot ID: P21583</p> <p>Amino Acid Sequence: EGICRNRVTN NVKDVTKLVA NLPKDYMITL KYVPGMDVLP SHCWISEMVV QLSDSLTDLL DKFSNISEGL SNYSIIDKLV NIVDDLVECV KENSSKDLKK SFKSPEPRLF TPEEFFRIFN RSIDAFKDFV VASETSDCVV SSTLSPEKDS RVSVTKPFML PPVA</p>
Gene ID	4254
Gene Symbol	KITLG
Species	Human
Details of Functionality	SCF Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1 EU/ug of SCF/c-kit Ligand as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human SCF/c-kit Ligand Protein [NBP2-35256]



Publications

Stadelmann L Erythropoietin receptor protects lung cancer cells from chemo-and radiotherapy independent of erythropoietin Thesis 2020-01-01 (KO)

Wang Y, Zhao Y, Liu L et al. Inhibitory effects of imatinib mesylate on human epidermal melanocytes. Clin Exp Dermatol 2014-03-01 [PMID: 24479586]



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Products Related to NBP2-35256-100ug

NBP2-35150-100ug	Recombinant Mouse SCF/c-kit Ligand Protein
210-TA-005	TNF-alpha [Unconjugated]
255-SC-010	SCF/c-kit Ligand [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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