

Product Datasheet

Recombinant Human LIF Protein NBP2-34935-5ug

Unit Size: 5ug

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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NBP2-34935-5ug

Recombinant Human LIF Protein

Product Information	
Unit Size	5ug
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 0.1-0.2mg/mL.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	19.7 kDa

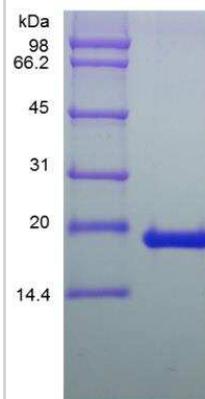
Product Description	
Description	A single non-glycosylated polypeptide chain containing 180 amino acids corresponding to LIF Source: <i>E. coli</i> Uniprot ID: <i>P15018</i> Amino Acid Sequence: <i>SPLPITPVNA TCAIRHPCHN NLMNQIRSQL AQLNGSANAL FILYYTAQGE PFPNNLDKLC GPNVTDFPPF HANGTEKAKL VELYRIVVYL GTSLGNITRD QKILNPSALS LHSKLNATAD ILRGLLSNVL CRLCSKYHVG HVDVTYGPDT SGKDFVQKKK LGCQLLGKYK QIIAVLAQAF</i>
Gene ID	3976
Gene Symbol	LIF
Species	Human
Details of Functionality	LIF Protein is fully biologically active when compared to standard. The ED50 as determined by the dose-dependent proliferation of human TF-1 cells is less than 0.1 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁷ IU/mg.
Endotoxin Note	Less than 1 EU/ug of LIF as determined by LAL method.

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

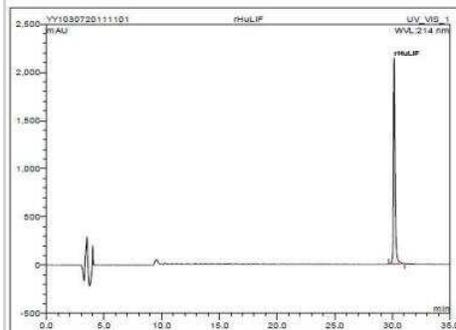


Images

SDS-Page: Human LIF Protein [NBP2-34935]



HPLC: Recombinant Human LIF Protein [NBP2-34935] - man LIF Protein [NBP2-34935]



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	30.13	rHuLIF	2136.017	345.114	100.00	n.s.	BMS
Total:			2136.017	345.114	100.00	0.000	



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Products Related to NBP2-34935-5ug

NBP2-35153-5ug	Recombinant Mouse LIF Protein
236-EG-200	EGF [Unconjugated]
7734-LF-025	LIF [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]

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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