

Recombinant Human Leukemia inhibitory factor protein(LIF) (Active)

Catalog No: #AP73519

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Package Size: #AP73519-1 5ug #AP73519-3 100ug #AP73519-5 500ug

Description

Product Name	Recombinant Human Leukemia inhibitory factor protein(LIF) (Active)
Brief Description	Recombinant Protein
Purification	>98% as determined by SDS-PAGE and HPLC.
Immunogen Description	Expression Region:23-202aaSequence Info:Full Length of Mature Protein
Other Names	LIF, D factor, Melanoma-derived LPL inhibitor, MLPLI, Emfilermin
Accession No.	P15018
Uniprot	P15018
GeneID	3976;
Calculated MW	19.7 kDa
Tag Info	NO-tagged
Target Sequence	SPLPITPVNA TCAIRHPCHN NLMNQIRSQL AQLNGSANAL FILYYTAQGE PFPNNLDKLC GPNVTDFPPF HANGTEKAKL VELYRIVVYL GTSLGNITRD QKILNPSALS LHSKLNATAD ILRGLLSNVL CRLCSKYHVG HVDVTYGPDT SGKDVFQKKK LGCQLLGKYK QIIAVLAQAF
Formulation	0.2 µm filtered PBS, pH 7.4 ,lyophilized
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes.

References

PubMed ID: 3143918; 2475312; 15146197; 1692837; 14702039; 10591208; 15489334; 3128791; 2730639; 8489250; 14527405; 17652170
Research Topic:Immunology

Note: This product is for in vitro research use only