9051 Mira Mesa Blvd, #910094
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LIF Human, GST

Leukemia Inhibitory Factor, GST tag Human Recombinant
CYK0475

Product Overview

Name	LIF Human, GST

Description

Leukemia Inhibitory Factor, GST tag Human Recombinant

Accession (Primary)	P15018

Synonyms

D factor, MLPLI, HILDA, Emfilermin, Leukemia Inhibitory factor, Differentiation-stimulating factor, Melanoma-derived LPL inhibitor.

Introduction

Leukemia inhibitory factor, is a pleiotropic cytokine which is expressed by numerous cells including activated T lymphocytes, monocytes, mast cells and neuronal cells. LIF takes part in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and is a key player in immune tolerance at the maternal-fetal interface.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The LIF GST protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 50mM NaCl and 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MHHHHHHMSP ILGYWKIKGL VQPTRLLLEY LEEKYEEHLY ERDEGDKWRN KKFELGLEFP NLPYYIDGDV KLTQSMAIIR YIADKHNMLG GCPKERAEIS MLEGAVLDIR YGVSRIAYSK DFETLKVDFL SKLPEMLKMF EDRLCHKTYL NGDHVTHPDF MLYDALDVVL YMDPMCLDAF PKLVCFKKRI EAIPQIDKYL KSSKYIAWPL

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QGWQATFGGG DHPPKSDLVP RGSHMSPLPI TPVNATCAIR HPCHNNLMNQ IRSQLAQLNG SANALFILYY TAQGEPFPNN LDKLCGPNVT DFPPFHANGT EKAKLVELYR IVVYLGTSLG NITRDQKILN PSALSLHSKL NATADILRGL LSNVLCRLCS KYHVGHVDVT YGPDTSGKDV FQKKKLGCQL LGKYKQIIAV LAQAF

Precautions

LIF Human, GST is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P15018)