

Human LIF Recombinant Protein



RPPB0736

Product Information Protein Information

Product SKU:

RPPB0736

Accession:

P15018

Host:

Escherichia Coli.

Protein description:

LIF produced in E.Coli is a single, non-glycosylated polypeptide chain containing 415 amino acids (23-202a.a.) and having a molecular mass of 47.2kDa.LIF is fused to a 236 amino acid His-GST tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

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

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.

Purity:

Greater than 90% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MHHHHHHMSP ILGYWKIKGL VQPTRLLEY LEEKYEEHLY ERDEGDKWRN KKFELGLEFP NLPYYIDGDV
KLTQSMAIIR YIADKHNMLG GCPKERAIS MLEGAVLDIR YGVSRIAYSK DFETLKVDFL SKLPEMLKMF
EDRLCHKTYL NGDHVTHPDF MLYDALDVVL YMDPMCLDAF PKLVCFFKRI EAIPQIDKYL KSSKYIAWPL
QGQWQATFGGG DHPPKSDLVP RGSMSPLPI TPNATCAIR HPCHNNLMNQ IRSQLAQLNG SANALFILYY
TAQGEPPNND LDKLCGPNVT DFPPFHANGT EKAKLVELYR IVVYLGTSLG NITRDQKILN PSALSLHSLK
NATADILRGL LSNVLCRLCS KYHVGHVVDVT YGPDTSGKDV FQKKKLGKQL LGKYKQIIAV LAQAF