

Human LIF Recombinant Protein



RPPB0739

Product Information Protein Information

Product SKU:

RPPB0739

Accession:

P15018

Host:

Escherichia Coli.

Protein description:

LIF Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 23-202) containing 189 amino acids including a 9 a.a N-terminal His tag. The total molecular mass is 20.9kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CDF, HILDA, D-FACTOR, Differentiation- stimulating factor, Melanoma-derived LPL inhibitor, MLPLI, Emfilermin, Leukemia inhibitory factor, LIF, DIA.

Formulation:

LIF filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in 20 mM Tris buffer, 20 mM NaCl and 5% w/v trehalose, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHAS PLPITPVNAT CAIRHPCHNN LMNQIRSQLA QLNGSANALF ILYYTAQGEP FPNNLDKLGG
PNVTDFFPPFH ANGTEKAKLV ELYRIVVYLG TSLGNITRDQ KILNPSALS HSKLNATADI LRGLLSNVLC
RLCSKYHVGH VDVTYGPPTS GKDVFQKKKL GCQLLGKYKQ IIAVLAQAF.