

RPPB0742

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## Product Information    Protein Information

**Product SKU:**

RPPB0742

**Accession:**

P42702

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

LIFR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 798 amino acids (45-833a.a.) and having a molecular mass of 90.5kDa (Molecular size on SDS-PAGE will appear at approximately 100-150kDa). LIFR is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Leukemia Inhibitory Factor Receptor Alpha, CD118 Antigen, LIF Receptor, LIF-R, Leukemia Inhibitory Factor Receptor, CD118, SJS2, STWS, SWS, Leukemia inhibitory factor receptor, LIF receptor, LIF-R.

**Formulation:**

LIFR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

ADPQKKGAPH DLKCVTNNLQ VWNCSWKAPS GTGRGTDYEV CIENRSRSCY QLEKTSIKIP ALSHGDYEIT  
INSLHDFGSS TSKFTLNEQN VSLIPDTPEI LNLSADFSTS TLYLKWNRDG SVFPHRSNVI WEIKVLRKES  
MELVKLVTHN TTLNGKDTLH HWSWASDMPL ECAIHFEIR CYIDNLHFSG LEEWSDWSPV KNISWIPDSQ  
TKVFPQDKVI LVGSDITFCC VSQEKVLSAL IGHNTCPLIH LDGENVAIKI RNISVSASSG TNVVFTTEDN  
IFGTVIFAGY PPDTPQQLNC ETHDLKEIC SWNPGRVTAL VGPRATSYTL VESFSGKYVR LKRAEAPTNE  
SYQLLFQMLP NQEIYNFTLN AHNPLGRSQS TILVNITEKV YPHTPTSFKV KDINSTAVKL SWHLPGNFAK  
INFLCEIEIK KSNSVQEQRN VTIKGVENSS YLVALDKLNP YLYTFRIRC STETFWKWSK WSNKKQHLTT  
EASPSKGPDT WREWSSDGKN LIYWKPLPI NEANGKILSY NVSCSSDEET QSLSEIPDPQ HKAERLDKN  
DYIISVVAKN SVGSSPPSKI ASMEIPNDL KIEQVVGGMGK GILLTWHYDP NMTCDYVIKW CNSSRSEPC  
MDWRKVPNS TETVIESDEF RPGIRYNFFL YGCRNQGYQL LRSMIGYIEE LAPIVAPNFT VEDTSADSIL  
VKWEDIPVEE LRGFLRGYLF YFGKGERDTS KMRVLESGRS DIKVKNITDI SQKTLRIADL QGKTSYHLVL  
RAYTDGGVGP EKSMYVVTKE NSHHHHHH.