



## Leukemia Inhibitory Factor Receptor Alpha Human Recombinant

Item Number rAP-0709

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.

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).

Uniprot Accesion Number P42702

Amino Acid Sequence ADPQKKGAPH DLKCVTNNLQ

VWNCSWKAPS GTGRGTDYEV CIENRSRSCY QLEKTSIKIP ALSHGDYEIT INSLHDFGSS TSKFT-

**LNEQN VSLIPDTPEI** 

LNLSADFSTS TLYLKWNDRG SVFPHRSNVI WEIKVLRKES MELVKLVTHN TTLNGKDTLH

HWSWASDMPL

Source Sf9,

Baculovirus cells.

Physical Appearance

and Stability

Sterile

filtered colorless solution. 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).

Formulation and Purity LIFR protein solution (0.5mg/ml) contains Phosphate

Buffered Saline (pH 7.4) and 10% glycerol. Greater

than 90.0% as determined by SDS-PAGE.

Application

Solubility

**Biological Activity** 

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only