



Recombinant Human LIFR Protein Product Manual

1. Product Basic Information

Product No.: REP07351

Protein Name: Lif-Cd118 Antigen (LIFR)

Aliases: SWS; SJS2; STWS; CD118; LIF-CD118 antigen; LIF receptor alpha; LIF receptor subunit alpha; leukemia inhibitory factor receptor; leukemia inhibitory factor receptor alpha

UniProt ID: P42702

UniProt Link: <https://www.uniprot.org/uniprotkb/P42702/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (45-833aa)

Molecular Weight: 92.6 kDa

Protein Tag: C-terminal 6xHis-Flag-tagged

2. Amino Acid Sequence (45-833aa)

QKKGAPHDLKCVTNNLQVWNCWKAPSGTGRGTDYEVCIENRSRSCYQLEKTSIKI
PALSHGDYEITINSLHDFGSSTSKFTLNEQNVSLIPDTPEILNLSADFSTSTLYLKWND
RGSVFPHRSNVIWEIKVLRKESMELVKLVTHNTTLNGKDTLHHWSWASDMPLECAI
HFVEIRCYIDNLHFSGLEEWSDWSPVKNISWIPDSQTKVFPQDKVILVGSDITFCCVS
QEKVLSALIGHTNCPLIHLDGENVAIKIRNISVSASSGTNNVFTTEDNIFGTIVIFAGYPP
DTPQQQLNCETHDLKEIICSWNPGRVTALVGPRATSYTLVESFSGKYVRLKRAEAPT
NESYQLLFQMLPNQEIYNFTLNAHNPLGRSQSTILVNITEKVYPHTPTSFKVKDINST
AVKLSWHLPGNFAKINFLCEIEIKKSNSVQEQRNVTIKGVENS SYLVALDKLN PYTLY
TFRIRCSTETFWKWSKWSNKKQHLTTEASPSKGPDTWREWSSDGKNLIYWKPLPI
NEANGKILSYNVSCSSDEETQSLSEIPDPQHKAIEIRLDKNDYIISVWAKNSVGSSPPS
KIASMEIPND DLKIEQVVG MGKGILL TWHYDPNMTC DYVIKWCN SSRSEPCLMDWR
KVPSNSTETVIESDEF RPIRYNFFLYGCRNQGYQLLRSMIGYIEELAPIVAPNFTVE
DTSADSILVKWEDIPVEELRGFLRGYLFYFGKGERDTSKMRVLESGRSDIKVKNITDI
SQKTLRIADLQGKTSYHLVLRAYTDGGVGPEKSMYVVT KENS



3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human LIFR partial protein (45-833aa) expressed in Mammalian cell. The protein is with 6xHis-Flag tag at the C-terminus, which facilitates protein purification, detection and identification. LIFR, also known as SWS or SJS2 or STWS, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.