

Leukemia inhibitory factor receptor (LIFR) Active Protein | LIFR active protein

Recombinant Human Leukemia inhibitory factor receptor (LIFR), partial (Active)

CATALOG #
AAA278908

HOST
Mammalian Cell

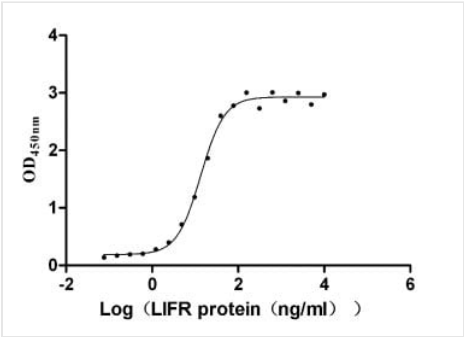
PRODUCT SYNONYMS

Leukemia inhibitory factor receptor (LIFR); Recombinant Human Leukemia inhibitory factor receptor (LIFR); partial (Active); LIFR active protein

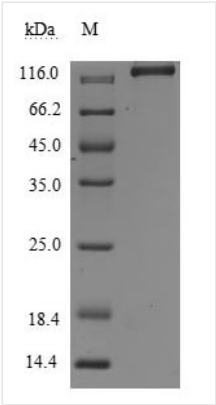
PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	45-833aa, Partial
Sequence	QKKGAPHDLK CVTNNLQVWN CSWKAPSGTG RGTDYEVCI E NRSRSCYQLE KTSIKIPALS HGDYEITINS LHDFGSSTSK FTLNEQNVSL IPDTPEILNL SADFTSTLY LKWNDRGSVF PHRSNVIWEI KVLKESMEL VKLVTHNTTL NGKDTLHHWS WASDMPLECA IHFVEIRCYI DNLHFSGLEE WSDWSPVKNI SWIPDSQTKV FPQDKVILVG SDITFCCVSQ EKVLSALIGH TNCPLIHLDG ENVAIKIRNI SVSASSGTNV VFTTEDNIFG TVIFAGYPPD TPQQLNCETH DLKEIICSWN PGRVTALVGP RATSYYTLVES FSGKYVRLKR AEAPTNESYQ LLFQMLPNQE IYNFTLNAHN PLGRSQSTIL VNITEKVYPH TPTSFKVKDI NSTAVKLSWH LPGNFAKINF LCEIEIKKSN SVQEQRNVTI KGVENS SYLV ALDKLN PYTL YTFRIRCSTE TFWKWSKWSN KKQHLTTEAS PSKGPDTWRE WSSDGKNLII YWKPLPINEA NGKILSYNVS CSSDEETQSL SEIPDPQHKA EIRLDKNDYI ISVVAKN SVG SSPPSKIASM EIPND DLKIE QVVG MGKGIL LTWHYDPNMT CDYVIKWCNS SRSEPCLMDW RKVPSNSTET VIESDEF R PG IRYNFFLYGC RNQGYQLLRS MIGYIEELAP IVAPNFTVED TSADSILVKW EDIPVEELRG FLRGYLFYFG KGERDTSKMR VLESGRSDIK VKNITDISQK TLRIADLQ GK TSYHLVLRAY TDGGVGPEKS MYVVT KENS
Species	Homo sapiens (Human)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human LIF at 2ug/mL can bind human LIFR, the EC50 is 11.68-15.52ng/mL.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for LIFR active protein	Cancer
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189083786
NCBI GeneID	3977
NCBI Accession #	NP_001121143.1
NCBI GenBank Nucleotide #	NM_001127671.1
UniProt Accession #	P42702; Q6LCD9
Molecular Weight	123,743 Da
NCBI Official Full Name	leukemia inhibitory factor receptor
NCBI Official Synonym Full Names	leukemia inhibitory factor receptor alpha
NCBI Official Symbol	LIFR
NCBI Official Synonym Symbols	SWS; SJS2; STWS; CD118; LIF-R
NCBI Protein Information	leukemia inhibitory factor receptor; LIF receptor; CD118 antigen
UniProt Protein Name	Leukemia inhibitory factor receptor
UniProt Gene Name	LIFR
UniProt Synonym Gene Names	LIF receptor; LIF-R
UniProt Entry Name	LIFR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.