

Datasheet for ABIN5854526
LIFR Protein (AA 45-833) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	LIFR
Protein Characteristics:	AA 45-833
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIFR protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPQKKGAPH DLKCVTNNLQ VWNCSWKAPS GTGRGTDYEV CIENRSRSCY QLEKTSIKIP ALSHGDYEIT INSLHDFGSS TSKFTLNEQN VSLIPDTPEI LNLSADFSTS TLYLKWNDRG SVFPHRSNVI WEIKVLRKES MELVKLVTHN TTLNGKDTLH HWSWASDMPL ECAIHFEIR CYIDNLHFSG LEEWSDWSPV KNISWIPDSQ TKVFPQDKVI LVGSDITFCC VSQEKVLSAL IGHTNCPLIH LDGENVAIKI RNISVSASSG TNVVFTTEDN IFGTVIFAGY PPDTPQQLNC ETHDLKEIIC SWNPGRVTAL VGPRATSYTL VESFSGKYVR LKRAEAPTNE SYQLLFQMLP NQEIYNFTLN AHNPLGRSQS TILVNITEKV YPHTPTSFKV KDINSTAVKL SWHLPGNFAK INFLCEIEIK KSNSVQEQRN VTIKGVENSS YLVALDKLNP YTLTYFRIRC STETFWKWSK WSNKKQHLLT EASPSKGPDT WREWSSDGKN LIIYWKPLPI NEANGILSY NVSCSSDEET QSLSEIPDPQ HKAEIRLDKN DYIISVAKN SVGSSPPSKI ASMEIPNDL KIEQVVGMGK GILLTWHYDP NMTCDYVIKW CNSSRSEPCL MDWRKVPSNS TETVIESDEF RPIRYNFFL YGCRNQGYYQL LRSMIGYIEE LAPIVAPNFT VEDTSADSIL VKWEDIPVEE LRGFLRGYLF
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Product Details

YFGKGERDTS KMRVLESGRS DIKVKNITDI SQKTLRIADL QGKTSYHLVL RAYTDGGVGP
EKSMYVVTKE NSHHHHHH

Purity: > 90 % by SDS - PAGE

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: LIFR

Alternative Name: LIFR ([LIFR Products](#))

Background: LIFR, also known as leukemia inhibitory factor receptor, is the receptor for leukemia inhibitory factor, a pleiotropic cytokine affecting the differentiation, survival, and proliferation of a wide variety of cells in the adult and the embryo. LIFR plays an important role in several aspects of early pregnancy such as blastocyst implantation in the uterus. Recombinant human LIFR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 90.5kDa (798aa) 100-150kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_002301](#)

UniProt: [P42702](#)

Pathways: [JAK-STAT Signaling, Growth Factor Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

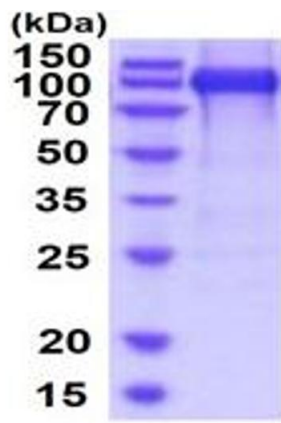
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.