

Datasheet for ABIN6387728
CD130/gp130 Protein (AA 23-619) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	CD130/gp130 (IL6ST)
Protein Characteristics:	AA 23-619
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD130/gp130 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: ELLDPCGYIS PESPVVQLHS NFTAVCVLKE KCMDYFHVNA NYIVWKTNHF TIPKEQYTII
NRTASSVTFT DIASLNIQLT CNILTFGQLE QNVYGITIIS GLPPEKPKNL SCIVNEGKKM
RCEWDRGRET HLETNFTLKS EWATHKFADC KAKRDTPTSC TVDYSTVYFV NIEVWVEAEN
ALGKVTSDHI NFDPVYKVKP NPPHNLSVIN SEELSSILKL TWTNPSIKSV IILKYNIQYR
TKDASTWSQI PPEDTASTRS SFTVQDLKPF TEYVFRIRCM KEDGKGYWSD WSEEASGITY
EDRPSKAPSF WYKIDPSHTQ GYRTVQLVWK TLPPFEANGK ILDYEVTLTR WKSHLQNYTV
NATKLTVNLT NDRYVATLTV RNLVGKSDAA VLTIPACDFQ ATHPVMDLKA FPKDNMLWVE
WTTPRESVKK YILEWCVLSD KAPCITDWQQ EDGTVHRTYL RGNLAESKCY LITVTPVYAD
GPGSPESIKA YLKQAPPSKG PTVRTKKVGK NEAVLEWDQL PVDVQNGFIR NYTIFYRTII
GNETAVNVDS SHTEYTLSSL TSDTLYMVRM AAYTDEGGKD GPEFTFTTPK FAQGEIELEH
HHHHH

Purity: > 95 % by SDS - PAGE

Product Details

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

Target Details

Target: CD130/gp130 (IL6ST)

Alternative Name: Interleukin6 signal transducer ([IL6ST Products](#))

Background: IL6ST, also known as interleukin6 signal transducer, belongs to class 1 cytokine receptor family. Binding of IL-6 (IL-11) to either the membrane-anchored or soluble IL-6R (IL-11R) initiates the association of IL-6 R (IL-11 R) with IL6ST when then undergoes homo-dimerization and signal transduction. Recombinant human IL6ST, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 68.9kDa (605aa) 70-100KDa (SDS-PAGE under reducing conditions.)

Pathways: [JAK-STAT Signaling](#), [Cellular Glucan Metabolic Process](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Cancer Immune Checkpoints](#)

Application Details

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

Restrictions: For Research Use only

Handling

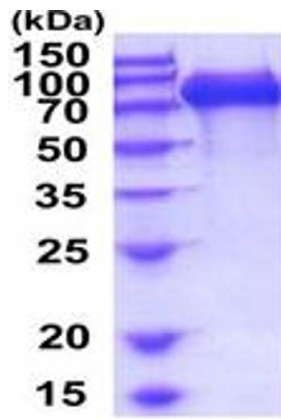
Format: Liquid

Concentration: 0.25 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.