

Proteoliposomes

Full-Length

IL6ST (Human) Recombinant Protein

Catalog # H00003572-G01

Size 10 ug

Specification

Product Description

Human IL6ST full-length ORF (ADR83277.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MLTLQTWLVQALFIFLTTESTGELLDP CGYISPESPVVQLHSNFTAVCVLKEKCMDYFHV NANYV
WKTNHFTIPKEQYTIINRTASSVTFTDIASLNIQLTCNILTFGQLEQNVYGITIISGLPPEKPKNLSCVNE
GKKMRCEWDRGRETHLETNFTLKSEWATHKFADCKAKRDTPTSC TVDYSTVYFVNIEVWVEAEN
ALGKVTS DHINFDPVYKVKPNPPHNLSVINSEELSSILKLTWTNPSIKSVIILKYNIQYRTKDASTWSQI
PPEDTASTRSSFTVQDLKPFTEYVFRIRCMKEDGKGYWSDWSEEASGITYEDRPSKAPSFYWKID
PSHTQGYRTVQLVWKTLPPEANGKILDYEVTLTRWKSHLQNYTVNATKLTVNLTNDRYVATLTVR
NLVGKS DAAVLTPACDFQATHPVMDLKA FPKDNMLWVEWTPRESVKKYLEWCVLSDKAPCIT
DWQQEDGT VHR TYLRGNLAESKCYLITVTPVYADGPGSPESIKAYLKQAPPSKGPTVRTKKVGKN
EAVLEWDQLPVDVQNGFIRNYTIFYRTIIGNETA VNV DSSHTEYTLSSLTSDTLYMVRMAAYTDEGG
KDGPEFTFTTPKFAQGEIEAIVPVCLAFLLTLLGVLF CFNKRDLIKKHWP NVPDPSKSHIAQWS
PHTPPRHNFNSKDQMYSDGNFTDVS VVEIEANDKKPFPE DLKSLDLFKKEKINTEGHSSGIGGSS
CMSSSRPSISSDENESSQNTSS TVQYSTV VHS GYRHQVPSVQVFSRSESTQPLLDSEERPEDL
QLVDHVDGGDGILPRQQYFKQNC SQHESSPDISHFERSKQVSSVNEEDFVRLKQQISDHISQSC
GSGQM KMFQEVS AADAFGPGTEGQVERFETVGMEAA TDEGMPKSYLPQTVRQGGYMPQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

101

Interspecies Antigen Sequence

Mouse (77); Rat (79)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — IL6ST

Entrez GeneID	3572
GeneBank Accession#	HQ258523.1
Protein Accession#	ADR83277.1
Gene Name	IL6ST
Gene Alias	CD130, CDw130, GP130, GP130-RAPS, IL6R-beta
Gene Description	interleukin 6 signal transducer (gp130, oncostatin M receptor)
Omim ID	600694
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggested a critical role of the gene encoding this protein in regulating myocyte apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	CD130 antigen IL6ST nirs variant 3 OTTHUMP00000122545 gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form gp130 transducer chain interleukin 6 signal transducer interleukin receptor beta chain membrane glycoprotein gp130 oncostatin M

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chronic Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)
- [Thyroid Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)