

Glycoprotein 130 (gp130) Recombinant Protein | gp130 recombinant protein

Recombinant Glycoprotein 130 (gp130)

CATALOG # AAA134240	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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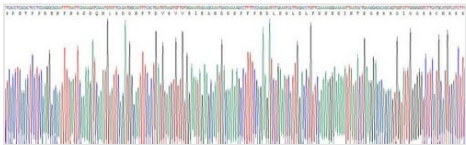
PRODUCT SYNONYMS

Glycoprotein 130 (gp130); Recombinant Glycoprotein 130 (gp130); gp130 recombinant protein

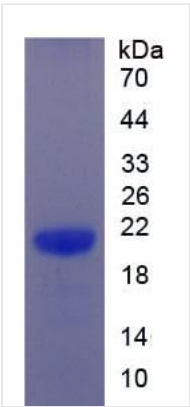
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-SP HTPPRHNFNS KDQMYSDGNF TDVSVVEIEA NDKKPFPEDL KSLDLFKKEK INTEGHSSGI GGSSCMSSSR PSISSSDENE SSQNTSSTVQ YSTVVHSGYR HQVPSVQVFS RSESTQPLLD SEERPDLQL VDHVDGGDGI LPRQQYFKQ
Sequence Length	857
Applicable Applications for gp130 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ser606~Gln756 (Accession # P40189) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

SPHTP PRHFNKDQ MYSDGNFTDV SVVEIEANDK KPFPEDLKSL
DLFKKEKINT EGHSSGIGGS SCSSSRPSI SSSDENESSQ NTSSTVQYST
VVHSGYRHQV PSVQVFSRSE STQPLLDSEE RPEDLQLVDH VDG DGILPR
QQYFKQ

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	300244535
NCBI GeneID	3572
NCBI Accession #	NP_001177910.1
NCBI GenBank Nucleotide #	NM_001190981.1
UniProt Accession #	P40189; Q5FC04; Q9UQ41; A0N0L4
Molecular Weight	18.3kDa
NCBI Official Full Name	interleukin-6 receptor subunit beta isoform 3
NCBI Official Synonym Full Names	interleukin 6 signal transducer (gp130, oncostatin M receptor)
NCBI Official Symbol	IL6ST
NCBI Official Synonym Symbols	CD130; GP130; CDW130; IL-6RB
NCBI Protein Information	interleukin-6 receptor subunit beta; CD130 antigen; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; interleukin receptor beta chain; oncostatin-M receptor subunit alpha; gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form
UniProt Protein Name	Interleukin-6 receptor subunit beta
UniProt Gene Name	IL6ST
UniProt Synonym Gene Names	IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; gp130
UniProt Entry Name	IL6RB_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.