

## Active Recombinant Human IL6ST protein, His-tagged

Cat. No. IL6ST-1300H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL6ST protein(Glu 23 - Glu 619), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Glu23-Glu619
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Biotinylated Human IL-6 R alpha, Fc,Avitag can bind Human gp130, His Tag with a linear range of 0.005-0.313 µg/mL.Immobilized Human gp130, His Tag can bind Biotinylated Human IL-6 R alpha, Fc,Avitag with a linear range of 0.6-20 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 69.6 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	IL6ST interleukin 6 signal transducer (gp130, oncostatin M receptor) [ Homo sapiens ]
<b>Official Symbol</b>	IL6ST
<b>Synonyms</b>	IL6ST; interleukin 6 signal transducer (gp130, oncostatin M receptor); interleukin-6 receptor subunit beta; CD130; GP130; 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; CDW130; IL-6RB; DKFZp564F053;
<b>Gene ID</b>	3572
<b>mRNA Refseq</b>	NM_001190981
<b>Protein Refseq</b>	NP_001177910
<b>MIM</b>	600694
<b>UniProt ID</b>	P40189

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