

Active Recombinant Rat Il6st protein(Met4-Glu618), His-tagged

Cat. No. Il6st-4092R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il6st protein(NP_001008725.2)(Met4-Glu618), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met4-Glu618
similar	Il6st
Alias	IL6ST; interleukin 6 signal transducer; interleukin-6 receptor subunit beta; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; interleukin-6 signal transducer; oncostatin-M receptor subunit alpha; Gp130; Ac1055; Il-6rb;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The secreted recombinant rat IL6ST comprises 607 amino acids and predicts a molecular mass of 68.2 kDa. The apparent molecular mass of the rat IL6ST is approximately 90-100 kDa in SDS-PAGE under reducing conditions due to

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	glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.
GeneName	Il6st interleukin 6 signal transducer [Rattus norvegicus]
GeneNameWeblink	25205
OfficialSymbol	Il6st
OfficialSymbolWeblink	25205
GeneID	25205
GeneIDWeblink	25205
mRNARefseq	NM_001008725
mRNARefseqWeblink	NM_001008725.3
ProteinRefseqWeblink	NP_001008725.2

MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	IL6ST; interleukin 6 signal transducer; interleukin-6 receptor subunit beta; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; interleukin-6 signal transducer; oncostatin-M receptor subunit alpha; Gp130; Ac1055; IL-6rb;
MIM	

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