

**AR51956PU-N****Mouse CD130 / IL6ST (23-617, His-tag) - Purified**

<b>Alternate names:</b>	IL-6R-beta, IL6 receptor beta, Interleukin-6 receptor subunit beta
<b>Quantity:</b>	0.25 mg
<b>Concentration:</b>	1.0 mg/ml (determined by absorbance at 280nm)
<b>Background:</b>	IL6st, also known as interleukin-6 receptor subunit beta, is a transmembrane protein which is the founding member of the class of all cytokine receptors. It forms one subunit of the type I cytokine receptor within the IL-6 receptor family. It is often referred to as the common gp130 subunit, and is important for sigl transduction following cytokine engagement. As with other type I cytokine receptors, gp130 possesses a WSXWS amino acid motif that ensures correct protein folding and ligand binding. It interacts with Janus kises to elicit an intracellular sigl following receptor interaction with its ligand. Structurally, gp130 is composed of five fibronectin type-III domains and one immunoglobulin-like C2-type (immunoglobulin-like) domain in its extracellular portion. Recombint mouse IL6st, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventiol chromatography techniques.
<b>Uniprot ID:</b>	<a href="#">Q00560</a>
<b>NCBI:</b>	<a href="#">NP_034690</a>
<b>Species:</b>	Mouse
<b>Source:</b>	Insect cells
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by SDS - PAGE <b>Buffer System:</b> Phosphate Buffered Saline (pH 7.4) containing 10% glycerol. <b>Endotoxin Level:</b> < 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Description:</b>	<b>AA Sequence:</b> QLLEPCGYIY PEFPPVQRGS NFTAICVLKE ACLQHYYVNA SYIVWKTNHA AVPREQVTVI NRTTSSVTFD DVVLPVSVQLT CNILSFGQIE QNVYGVMTLS GFPPDKPTNL TCIVNEGKNM LCQWDPGRET YLETTYTLKS EWATEKFPDC QSKHGTSCMV SYMPYYVNI EVWVEAENAL GKVSSESINF DPVDKVKPTP PYNLSVTNSE ELSSILKLSW VSSGLGGLLD LKSDIQYRTK DASTWIVQPL EDTMSPRTSF TVQDLKPFTE YVFRIRSIKD SGKGYSDWS EEASGTTYED RPSRPPSFWY KTNPSHGQEY RSVRLIWKAL PLSEANGKIL DYEVIITQSK SVSQTYYTVTG TELTVNLTND RYVASLAARN KVGKSAAVL TTPSPHVTA YSVVNLKAFP KDNLLWVEWT PPPFPVSKYI LEWCVLSENA PCVEDWQQED ATVNRTHLRG RLLESKCYQI TVTPVFATGP GGSESLKAYL KQAAPARGPT VRTKKVGKNE AVLAWDQIPV DDQNGFIRNY SISYRTSVGK EMVVHVDSSH TEYTLSSLSS DTLYMVRMAA YTDEGGKDG EFTFTTPKFA QGEIELEHHH HHH <b>Molecular weight:</b> 67.7 kDa (603aa)
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Saito M., et al. (1992) J Immunol. 148: 4066-4071. Murakami M., et al. (1993) Science. 260:1808-1810.

Pictures:

