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**Product Data Sheet**


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Product Name: IL6R Mouse  
 Cat. No.: GP20526  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; Interleukin-6 signal transducer; Membrane glycoprotein 130; gp130; Oncostatin-M receptor subunit alpha; CD130.		
Amino Acid Sequence	QLLEPCGYIY PEFVQVQRGS NFTAICVLKE ACLQHYYVNA SYIVWKTNHA AVPREQVTVI NRTTSSVTFT DVVLPSVQLT CNILSFGQIE QNVYGV TMLS GFPPDKPTNL TCIVNEGKNM LCQWDPGRET YLETNYTLKS EWATEKFPDC QSKHGTSCMV SYMPTYVNI EVWVEAENAL GKVSSSEINF DPVDKVKPTP PYNLSVTNSE ELSSILKLSW VSSGLGGLLD LKSDIQYRTK DASTWIQVPL EDTMSPRTSF TVQDLKPFTE YVFRIRSIKD SGKGYWSDWS EEASGTTYED RPSRPPSFWY KTNPSHGQEQ RSVRLIWKAL PLSEANGKIL DYEVIQTQSK SVSQTQYTVTG TELTVNLTND RYVASLAARN KVGKSAAAVL TIPSPHV TAA YSVVNLKAFP KDNLLWVEWT PPPKPVSKYI LEWCVLSENA PCVEDWQQED ATVNRTHLRG RLLESKCYQI TVTPVFATGP GGSESLKAYL KQAAPARGPT VRTKKVKGKNE AVLAWDQIPV DDQNGFIRNY SISYRTSVGK		
Formulation	IL6R protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.		

**Introduction**

The IL-6 receptor complex is composed of two membrane glycoproteins: the low affinity receptor and the signaltransducing component. The soluble form of IL6R is found in the urine of healthy adult humans and the serum of HIV positive individuals, as well as in the cell culture supernatants of stimulated PBMCs. This soluble form of IL6R results from either proteolytic cleavage from the membrane, or an isoform derived splice variant.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer

**Caution: Product has not been fully validated for medical applications. For research use only.**

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

IL6R produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 603 amino acids (23-617a.a.) and having a molecular mass of 67.7kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). IL6R is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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