

32-6434: IL6R Mouse

Alternative Name : 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.

Description

Source: Sf9, Insect cells.

Sterile filtered colorless solution.

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 PBMC's. This soluble form of IL6R results from either proteolytic cleavage from the membrane, or an isoform derived splice variant.

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.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : IL6R protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

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

Amino Acid : QLLEPCGYIY PEFVQVQRGS NFTAICVLKE ACLQHYYVNA SYIVWKTNHA AVPREQVTVI NRTTSSVTFT DVVLPSVQLT CNILSFGQIE QNVYGVMTLS GFPPDKPTNL TCIVNEGKNM LCQWDPGRET YLETNYTLKS EWATEKFPDC QSKHGTSCMV SYMPTYVNI EVWVEAENAL GKVSESINF DPVDKVKPTP PYNLSVTNSE ELSSILKLSW VSSGLGGLLD LKSDIQYRTK DASTWIQVPL EDTMSPRTSF TVQDLKPFTE YVFRIRSIKD SGKGYWSDWS EEASGTTYED RPSRPPSFY KTNPSHGQEY RSVRLIWKAL PLSEANGKIL DYEVIQTQSK SVSQTQYTVTG TELTVNLTND RYVASLAARN KVGKSAAVL TIPSPHVTAA YSVVNLKAFP KDNLLWVEWT PPPKPVSKYI LEWCVLSENA PCVEDWQED ATVNRTHLRG RLLESKCYQI TVTPVFATGP GGESLKYAL KQAAPARGPT VRTKKVKGNE AVLAWDQIPV DDQNGFIRNY SISYRTSVGK