

## 32-6436: IL6ST Human

**Alternative Name :** Interleukin 6 signal transducer, oncostatin M receptor, IL6ST, CD130, CDw130, GP130, GP130-RAPS, IL6R-beta

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Interleukin-6 Signal Transducer or IL6ST is a receptor, part of the family of class 1 cytokine receptor. IL6ST binds to IL-6 through membrane-anchored or soluble IL-6R starts a connection between another complex of IL6ST and IL-6, thus forming a homo-dimer and a signal transduction occurs.

IL6ST Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 605 amino acids (23-619 a.a) and having a molecular mass of 68.9kDa. IL6ST is fused to an 8 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 95% as determined by SDS-PAGE.

**Content :** The IL6ST solution (0.25mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**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 :** ELLDPCGYIS PESPVVQLHS NFTAVCVLKE KCMDYFHVNA NYIVWKTNHF TIPKEQYTII NRTASSVTFT  
DIASLNIQLT CNILTFGQLE QNVYGITIIS GLPPEKPKNL SCIVNEGKKM RCEWDRGRET HLETNFTLKS  
EWATHKFADC KAKRDTPTSC TVDYSTVYFV NIEVWVEAEN ALGKVTSDDHI NFDVPYKVKP NPPHNLVSVIN  
SEELSSILKL TWTNPSIKSV IILKYNIQYR TKDASTWSQI PPEDTASTRS SFTVQDLKPF TEYVFRIRCM  
KEDGKGYWSD WSEEASGITY EDRPSKAPSF WYKIDPSHTQ GYRTVQLVWK TLPPEANGK ILDYEVTLTR  
WKSHLQNYTV NATKLTVNLT NDRYVATLTV RNLVKGSDAA VLTIPACDFQ ATHPVMDLKA  
FPKDNMLWVE WTPPRESVKK YILEWCVLSD KAPCITDWQQ EDGTVHRTYL RGNLAESKCY LITVTPVYAD  
GPGSPESIKA YLKQAPPSKG PTVRTRKKGK NEAVLEWDQL PVDVQNGFIR NYTIFYRTII GNETAVNVDS  
SHTEYTLSSL TSDTLYMVRM AAYTDEGGKD GPEFTFTPK FAQGEIELEH HHHHH