
Product Data Sheet

Product Name: IL6ST Human
 Cat. No.: GP26048
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Interleukin 6 signal transducer, oncostatin M receptor, IL6ST, CD130, CDw130, GP130, GP130-RAPS, IL6R-beta		
Amino Acid Sequence	<p>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 TLPPFEANGK ILDYEVTLTR WKSHLQNYTV NATKLTVNLT NDRYVATLTV RNLVGKSDAA VLTIPACDFQ ATHPVMDLKA FPKDNMLWVE WTPPRESVKK YILEWCVLSD KAPCITDWQQ EDGTVHRTYL RGNLAESKCY LITVTPVYAD GPGSPESIKA YLKQAPPSKG PTVRTRKKGK NEAVLEWDQL PVDVQNGFIR NYTIFYRTII GNETAVNVDS SHTEYTLSSL TSDTLYMVRM AAYTDEGGKD GPEFTFTTPK FAQGEIELEH HHHHH</p>		
Formulation	The IL6ST solution (0.25mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).		

Introduction

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 homodimer and a signal transduction occurs.

Stability

Store at 46vC if entire vial will be used within 2-4 weeks. Store. frozen at -206vC for

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

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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.

Background

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.

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