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sIL6R Human, Sf9

IL-6 Soluble Receptor Human Recombinant, Sf9
CYK0536

Product Overview

Name	sIL6R Human, Sf9

Description

IL-6 Soluble Receptor Human Recombinant, Sf9

Accession (Primary)	P08887

Synonyms

IL6R-alpha, CD126, IL-6R 1, CD126 antigen, IL6RA, Interleukin 6 receptor, Interleukin 6 receptor alpha subunit, Interleukin-6 receptor alpha chain precursor, B cell stimulatory factor-2, Membrane glycoprotein 80, gp80, IL-6R, MGC104991.

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

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

sIL6R protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).

Stability

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADP LAPRRCP AQEVARGVLT SLPGDSVTLT CPGVEPEDNA TVHWVLRKPA AGSHPSRWAG MGRRLLLRSV QLHDSGNYSC YRAGRPAGTV HLLVDVPPEE PQLSCFRKSP LSNVVCEWGP RSTPSLTTKA VLLVRKFQNS PAEDFQEPCQ YSQESQKFSC QLAVPEGDSS FYIVSMCVAS SVGSKFSKTQ TFQGCGILQP DPPANITVTA

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VARNPRWLSV TWQDPHSWNS SFYRLRFELR YRAERSKTFT TWMVKDLQHH CVIHDAWSGL RHVVQLRAQE EFGQGEWSEW SPEAMGTPWT ESRSPPAENE VSTPMQALTT NKDDDNILFR DSANATSLPV QDSSSVPLP H HHHHH

Biological Activity

Measured by its ability to inhibit proliferation using M1 mouse myeloid leukemia cells. The ED50 range ≤ 20 ng/ml with Human IL-6.

Precautions

sIL6R Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P08887)