

# Human sIL6R Recombinant Protein



RPPB0536

## Product Information Protein Information

**Product SKU:**

RPPB0536

**Accession:**

P08887

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

sIL6R produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (20-365 a.a.) and fused to a 9 aa His Tag at C-terminus containing a total of 355 amino acids and having a molecular mass of 39.6kDa. sIL6R shows multiple bands between 40-57kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**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.

**Formulation:**

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

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

ADPLAPRRCP AQEVARGVLT SLPGDSVTLT CPGVEPEDNA TVHWVLRKPA AGSHPSRWAG MGRRLLLRSV  
QLHDSGNYS YRAGRPA GTV HLLVDVPPEE PQLSCFRKSP LSNVVCWGP RSTPSLTTKA VLLVRKFQNS  
PAEDFQEP CQ YSQESQKFSC QLAVPEGDSS FYIVSMCVASSVGSKFSKTQ TFQGC GILQP DPPANITVTA  
VARNPRWLSV TWQDPHSWNS SFYRLRFELR YRAERSKTFT TWMVKDLQHH CVIHDAWSGL RHVVQLRAQE  
EFGQGEWSEW SPEAMGTPWT ESRSPAENE VSTPMQALTT NKDDDNLFR DSANATSLPV QDSSSVPLPH  
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.