

Soluble IL-6 Receptor alpha Recombinant Protein | sIL6R recombinant protein

Recombinant Human Soluble IL-6 Receptor alpha, Sf9

CATALOG # AAA38043	HOST Sf9, Baculovirus cells
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PRODUCT SYNONYMS

Soluble IL-6 Receptor alpha; Recombinant Human Soluble IL-6 Receptor alpha; Sf9; IL-6 Soluble Receptor Human Recombinant; 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; sIL6R Human; sIL6R recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9, Baculovirus cells
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	Sterile filtered colorless solution. Protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).
Sequence	ADPLAPRRCP AQEVARGVLT SLPGDSVTLT CPGVEPEDNA TVHWVLRKPA AGSHPSRWAG MGRRLLLRSV QLHDSGNYSC YRAGRPAGTV HLLVDVPPEE PQLSCFRKSP LSNVVCWGP RSTPSLTTKA VLLVRKFQNS PAEDFQEPCC YSQESQKFSC QLAVPEGDSS FYIVSMCVAS SVGSKFSKTQ TFQGCILQP DPPANITVTA VARNPRWLSV TWQDPHSWNS SFYRLRFELR YRAERSKTFT TWMVKDLQHH CVIHDAWSGL RHVVQLRAQE EFGQGEWSEW SPEAMGTPWT ESRSPPAENE VSTPMQALTT NKDDDNILFR DSANATSLPV QDSSSVPLPH HHHHH
Sequence Length	468
Biological Activity	Measured by its ability to inhibit proliferation using M1 mouse myeloid leukemia cells. The ED50 range < or = 20 ng/ml with Human IL-6.
Preparation and Storage	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..

ADDITIONAL INFORMATION

Related Product Information for sIL6R recombinant 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. Introductions: 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.
Product Categories/Family for sIL6R recombinant protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	124343
NCBI GeneID	3570

UniProt Accession #	P08887; Q16202; Q53EQ7; Q5FWG2; Q5VZ23; A8KAE8; B2R6V4
NCBI Official Full Name	Interleukin-6 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 6 receptor
NCBI Official Symbol	IL6R
NCBI Official Synonym Symbols	IL6Q; gp80; CD126; IL6RA; IL6RQ; IL-6RA; IL-6R-1
NCBI Protein Information	interleukin-6 receptor subunit alpha
UniProt Protein Name	Interleukin-6 receptor subunit alpha
UniProt Gene Name	IL6R
UniProt Synonym Gene Names	IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; gp80

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/il6r-recombinant-protein-sf9/38043>