

Recombinant Full Length Human IL6R Protein

Cat. No. IL6R-5689HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL6R full-length ORF (NP_000556.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	178 amino acids
Description	<p>Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. The protein encoded by this gene is a subunit of the receptor complex for IL6. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]</p>
Form	Liquid
Molecular Mass	51.5 kDa
AA Sequence	<p>MLAVGCALLAALLAAPGAALAPRRCPAQEVARGVLTSLPGDSVTLTCPGVEPEDNA TVHWVLRKPAAGSHPSRWAGMGRRLLLRSVQLHDSGNYSCYRAGRPA GTVHLLV DVPPEEPQLSCFRKSPLSNVCEWGRSTPSLTTKAVLLVRKFQNSPAEDFQEPCQ</p>

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YSQESQKFSCQLAVPEGDSSFYIVSMCVASSVGSKFSTQTFQGGILQPDPPANIT
 VTAVARNPRWLSVTWQDPHSWNSSFYRLRFELRYAERSKTFTTWMVKDLQHHC
 VIHDAWSGLRHVVQLRAQEFGQGEWSEWSPEAMGTPWTESRSPPAENEVSTPM
 QALTTNKDDDNILFRDSANATSLPVQDSSSVPLPTFLVAGGSLAFGTLLCIAIVLRFKK
 TWKLRALKEGKTSMHPPYSLGQLVPERPRPTPVLVPLISPPVSPSSLGSDNTSSHNR
 PDARDPRSPYDISNTDYFFPR

Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	IL6R interleukin 6 receptor [Homo sapiens]
Official Symbol	IL6R
Synonyms	IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; CD126; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha; gp80; IL6RA; IL-6RA; IL-6R-1; MGC104991;
Gene ID	3570
mRNA Refseq	NM_000565

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Protein Refseq [NP_000556](#)

MIM [147880](#)

UniProt ID [P08887](#)

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