

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	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]
Form	Liquid
Molecular Mass	51.5 kDa
AA Sequence	MLAVGCALLAALLAAPGAALAPRRCPAQEVARGVLTSLPGDSVTLTCPGVEPEDNA TVHWVLRKPAAGSHPSRWAGMGRRLLLRSVQLHDSGNYSYRAGRPAAGTVHLLV DVPPEEPQLSCFRKSPLSNVVCEWGRSTPSLTTKAVLLVRKFQNSPAEDFQEPCQ

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YSQESQKFSCQLAVPEGDSSFYIVSMCVASSVGSKFSKTQTFQGCGILQPDPPANIT
VTAVARNPRWLSVTWQDPHSWNSSFYRLRFELRYRAERSKTFTTWMVKDLQHHC
VIHDAWSGLRHVVQLRAQEEFGQGEWSEWSPEAMGTPWTESRSPPAENEVSTPM
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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