

Recombinant Human Interleukin 6 Receptor

Cat. No. IL6R-1242H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant humanIL6R is a single, non-glycosylated polypeptide chain containing 338 aminoacids (aa 20-357) corresponding to the mature IL6R protein with an aminoterminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	20-357 a.a.
Description	The IL6R complex is composed of two membrane glycoproteins: thelow affinity receptor and the signaltransducing component. The soluble formof IL6R is found in the urine of healthy adult humans and the serum of HIVpositive individuals, as well as in the cell culture supernatants ofstimulated PBMC's. This soluble form of IL6R results from either proteolyticcleavage from the membrane, or an isoform derived splice variant.
Form	Liquid in 20 mM TrisHCl pH 8 + 50% glycerol.
MolecularWeight	42.25 kDa
Purity	> 95% by SDS-PAGEand HPLC analyses
Endotoxin Level	<0.1 ng/g of IL6R

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Storage	Store at 2-4°C ifentire vial will be used within 2-4 weeks. Store, frozen at -20°C for longerperiods of time. Avoid repeated freeze-thaw cycles.
OfficialSymbol	IL6R
GENE INFORMATION	
Gene Name	IL6R interleukin 6 receptor [Homosapiens]
Synonyms	IL6R; interleukin 6receptor; CD126; IL-6R-1; IL6R-alpha; IL-6R-alpha;IL6RA; MGC104991; OTTHUMP00000034320; gp80; CD126 antigen; IL-6R 1;Interleukin-6 receptor alpha chain precursor; B cell stimulatory factor-2;Membrane glycoprotein 80; interleukin 6 receptor; interleukin 6 receptoralpha subunit.
Gene ID	3570
mRNA Refseq	NM_000565
Protein Refseq	NP_000556
MIM	147880
UniProt ID	P08887
Chromosome Location	1q21
Pathway	Cytokine-cytokine receptorinteraction; Hematopoietic cell lineage; Jak-STAT signaling pathway
Function	ciliary neurotrophic factor binding;ciliary neurotrophic factor receptor activity;enzyme

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binding; interleukin-6receptor activity; protein homodimerization activity; receptor binding

**PDBrendering based
on 1n26.**

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