

Recombinant Human Interleukin 6 Receptor

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

SPECIFICATION

Product Overview	Recombinant human IL6R 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: the low affinity receptor and the signal transducing 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.
Form	Liquid in 20 mM Tris HCl pH 8 + 50% glycerol.
MolecularWeight	42.25 kDa
Purity	> 95% by SDS-PAGE and HPLC analyses
Endotoxin Level	<0.1 ng/g of IL6R

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Storage	Store at 2-4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid repeated freeze-thaw cycles.
Official Symbol	IL6R
GENE INFORMATION	
Gene Name	IL6R interleukin 6 receptor [Homosapiens]
Synonyms	IL6R; interleukin 6 receptor; 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 receptor alpha subunit.
Gene ID	3570
mRNA Refseq	NM_000565
Protein Refseq	NP_000556
MIM	147880
UniProt ID	P08887
Chromosome Location	1q21
Pathway	Cytokine-cytokine receptor interaction; 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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