

Recombinant Human IL6R, Fc-tagged

Cat. No. IL6R-322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-6R (aa 20-359) is fused to the N-terminus of the Fc region of human IgG1.
Species	Human
Source	CHO
ProteinLength	20-359 a.a.
Description	Interleukin-6 (IL-6) is a multifunctional factor, which exerts its activities through binding to a highaffinity receptor complex consisting of two membrane glycoproteins: an 80 kDa component receptor that binds IL-6 with low affinity (IL-6Ralpha;) and a signal transducing component of 130 kDa (gp130) that does not bind IL-6 by itself, but is required for highaffinity binding of IL-6 by the complex. A soluble form of the IL-6Rα has been found in the urine of healthy adult humans.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Purity	≥98% (SDS-PAGE)
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. Avoid freeze/thaw cycles.

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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
Protein Refseq	NP_000556
MIM	147880
UniProt ID	P08887
Chromosome Location	1q21
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-6 Signaling Pathway, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem;
Function	ciliary neurotrophic factor binding; contributes_to ciliary neurotrophic factor receptor

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

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