

Active Recombinant Human IL6R Protein

Cat. No. IL6R-6422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6R Protein(P08887.1)(20-358 aa) was expressed in Sf 21 insect cell.
Species	Human
Source	Sf 21 insect cell
ProteinLength	20-358 aa
Form	Lyophilized from 0.2 µm filtered concentrated solution in PBS.
Bio-activity	Measured by its ability to enhance the IL-6 activity on M1 mouse myeloid leukemia cells. The ED50 for this effect is 5-15 ng/mL.
Molecular Mass	Apparent molecular mass of 45-50 kDa in SDS-PAGE under reducing conditions, a single glycosylated polypeptide protein consisting of 339 amino acids.
Endotoxin	Less than 1 EU/g of rHuIL-6 Rα as determined by LAL method.
Purity	> 97 % by SDS-PAGE analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

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

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