

Recombinant Human IL6R protein(Met1-Pro365), hFc-tagged

Cat. No. IL6R-1046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6R (NP_000556.1) (Met1-Pro365) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro365
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to enhance the activity of IL6 on M1 mouse myeloid leukemia cells. The ED50 for this effect is typically 30-125 ng/mL in the presence of 100 ng/mL of recombinant human IL6.
Molecular Mass	The recombinant human IL6R consists of 584 amino acids and predicts a molecular mass of 65.3 kDa. As a result of glycosylation, it migrates as an approximately 70-100 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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