

Active Recombinant Human IL6R protein, His&Avi-tagged, Biotinylated

Cat. No. IL6R-787H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL6R protein(NP_000556.1)(Met1-Pro365), fused with His&Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro365
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Human IL-6 at 2 µg/mL (100 µL/well) can bind Human IL-6R, Biotinylated, the EC50 of Human IL-6R, Biotinylated is 20-160 ng/mL.
Molecular Mass	The recombinant human IL6R consists of 372 amino acids and predicts a molecular mass of 41.80 kDa. It migrates as an approximately 60.56 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.

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
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.

Conjugation Biotin

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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