Active Recombinant Human IL6R protein, His-tagged

Cat. No. IL6R-786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6R protein(Leu 20 - Pro 365), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-365 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-6, premium grade at 5 μg/mL (100 μL/well) can bind Human IL-6 R alpha, His Tag with a linear range of 0.08-0.6 μg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 39.4 kDa. The protein migrates as 55-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu20-Pro365
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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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