

Recombinant Human IL6R protein, His-Avi-tagged

Cat. No. IL6R-087H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6R protein(P08887-1)(Leu20-Pro365), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu20-Pro365
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-6, No Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human IL-6 R alpha, His Tag with the EC50 of 0.15µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.4 kDa. Due to glycosylation, the protein migrates to 65-78 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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](#)

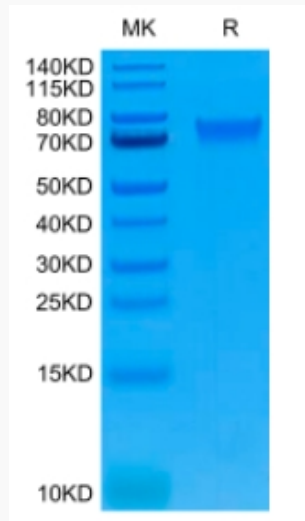
UniProt ID [P08887](#)

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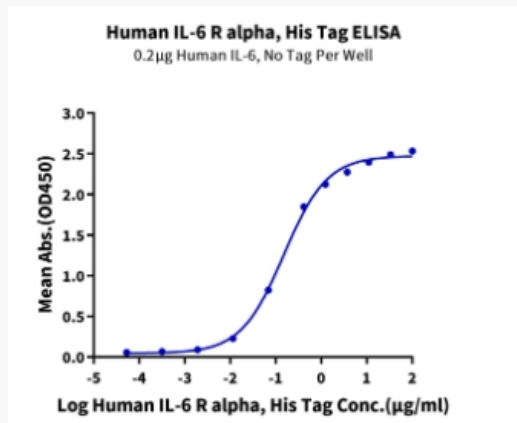
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Tris-Bis PAGE



ELISA Data



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