

Recombinant Human IL6R protein, hFc-tagged

Cat. No. IL6R-0187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL6R protein(P08887-1)(Leu20-Pro365), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu20-Pro365
Tag	C-hFc
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 at 2ug/ml (100ul/Well) on the plate. Dose response curve for Human IL-6 R alpha, hFc Tag with the EC50 6.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 65.3 kDa. Due to glycosylation, the protein migrates to 85-110 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
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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

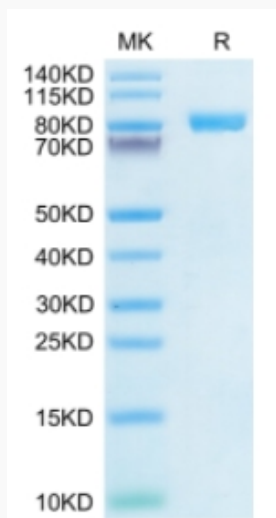
UniProt ID P08887

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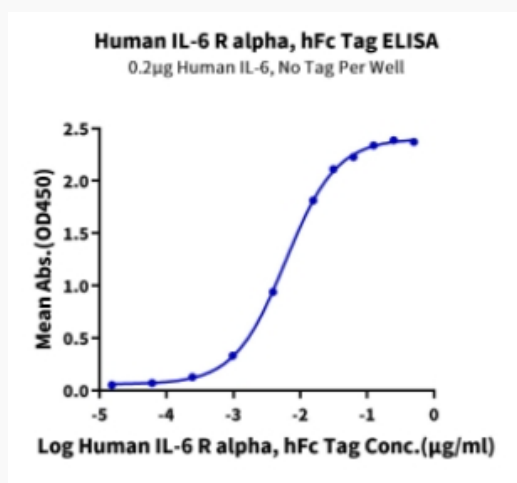
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Tris-Bis PAGE



ELISA Data



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