

Active Recombinant Human IL6 protein, His-tagged, Low Endotoxin

Cat. No. IL6-554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL6 protein(P05231)(Val30-Met212) is expressed from HEK293 with His tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	30-212 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human IL-6, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-6 R alpha, hFc Tag with the EC50 of 11.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 21.9 kDa. Due to glycosylation, the protein migrates to 24-28 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL6 interleukin 6 \(interferon, beta 2\) \[Homo sapiens \]](#)

Official Symbol [IL6](#)

Synonyms IL6; interleukin 6 (interferon, beta 2); IFNB2; interleukin-6; BSF2; HGF; HSF; IL 6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; hybridoma growth factor; CTL differentiation factor; B-cell stimulatory factor 2; B-cell differentiation factor; IL-6;

Gene ID [3569](#)

mRNA Refseq [NM_000600](#)

Protein Refseq [NP_000591](#)

MIM [147620](#)

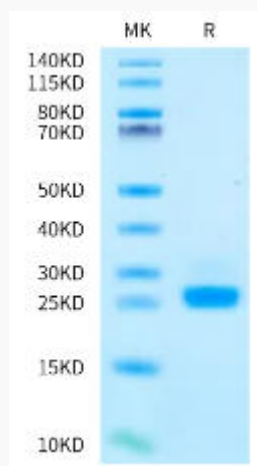
UniProt ID [P05231](#)

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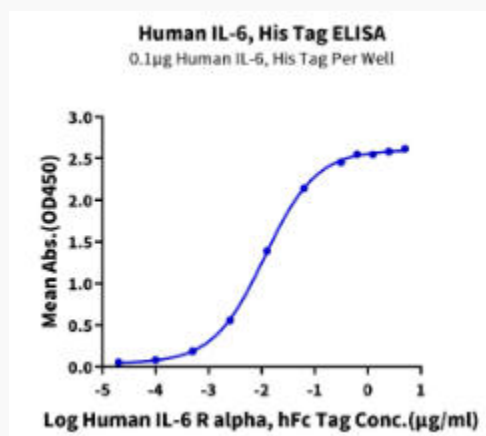
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Bis-Tris PAGE



ELISA Data



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