

Active Recombinant Human IL6 protein, Avi-His-tagged, Biotinylated

Cat. No. IL6-0300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human IL6 protein(P05231)(Val30-Met212) is expressed from HEK293 with His tag and Avi tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	30-212 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human IL-6 R alpha, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-6, His-Avi Tag with the EC50 of 0.18µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 23.72 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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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 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

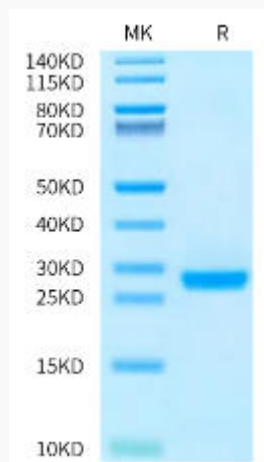
UniProt ID P05231

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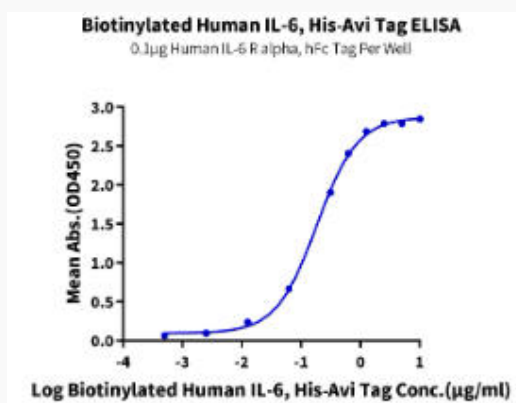
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Bis-Tris PAGE



ELISA Data



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