

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL6 protein(Val30-Met212), fused with Avi-His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	30-212 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-6 R alpha, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-6, Avitag,His Tag with a linear range of 0.3-39 ng/mL.
Molecular Mass	This protein carries an Avi tag (Avitag) at the N-terminus, followed by a polyhistidine tagThe protein has a calculated MW of 24.4 kDa. The protein migrates as 26-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Val30-Met212
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.

Conjugation Biotin

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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