

Active Recombinant Mouse IL6 protein, His-tagged

Cat. No. IL6-0302M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL6 protein(Phe25-Thr211), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	25-211 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Mouse IL-6, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse IL-6 R alpha, His,Avitag with a linear range of 20-156 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 23.6 kDa. The protein migrates as 25-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Phe25-Thr211
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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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.

GENE INFORMATION

Gene Name	IL6 interleukin 6 [<i>Mus musculus</i>]
Official Symbol	IL6
Synonyms	IL6; interleukin 6; interleukin-6; interleukin HP-1; B-cell hybridoma growth factor; Il-6;
Gene ID	16193
mRNA Refseq	NM_031168
Protein Refseq	NP_112445

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