

## Active GMP Recombinant Mouse Il6 protein

Cat. No. Il6-044MG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Mouse Il6 protein(NP_112445.1)(193 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Mouse IL-6(NP_112445.1) was expressed with His tag at the C-terminal.
<b>Form</b>	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
<b>Bio-activity</b>	Cell proliferation analysis uses T1165.85.2.1 mouse plasma cells to determine ED50, which is 0.1-0.6ng/mL.
<b>Molecular Mass</b>	Recombinant Mouse IL-6contains 193 aa. It has a predicted MW of 22.6 kDa.
<b>Endotoxin</b>	<2EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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**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 [ *Mus musculus* ]

**Official Symbol** IL6

**Synonyms** II; II-6

**Gene ID** 16193

**mRNA Refseq** NM\_031168

**Protein Refseq** NP\_112445

**UniProt ID** P08505

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