

Active GMP Recombinant Mouse Il6 protein

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	DNA sequence encoding Mouse IL-6(NP_112445.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	Cell proliferation analysis uses T1165.85.2.1 mouse plasma cells to determine ED50, which is 0.1-0.6ng/mL.
Molecular Mass	Recombinant Mouse IL-6contains 193 aa. It has a predicted MW of 22.6 kDa.
Endotoxin	<2EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	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]
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Official Symbol	IL6
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Synonyms	Il; IL-6
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Gene ID	16193
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mRNA Refseq	NM_031168
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Protein Refseq	NP_112445
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UniProt ID	P08505
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