

## Recombinant Mouse Il6 Protein, MYC/DDK-tagged

Cat. No. Il6-116M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse interleukin 6 (Il6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the interleukin family of cytokines that have important functions in immune response, hematopoiesis, inflammation and the acute phase response. The ectopic overexpression of the encoded protein in mice results in excessive plasma cells in circulation, leading to death. Mice lacking the encoded protein exhibit abnormalities in hepatic acute phase response, some immune mechanisms, bone resorption in response to estrogen, liver regeneration and wound healing. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Molecular Mass</b>	24.8 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 ug/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Il6 interleukin 6 [ *Mus musculus* (house mouse) ]

**Official Symbol** Il6

**Synonyms** Il6; interleukin 6; Il-6; interleukin-6; B-cell hybridoma growth factor; interleukin HP-1

**Gene ID** 16193

**mRNA Refseq** NM\_031168

**Protein Refseq** NP\_112445

**UniProt ID** P08505

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