

Active Recombinant Mouse Il6 protein, His-tagged, Low Endotoxin

Cat. No. Il6-490M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il6 protein(P08505)(25-211 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	25-211 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse IL-6 R alpha, His Tag immobilized on CM5 Chip can bind Mouse IL-6, His Tag with an affinity constant of 0.15 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 22.83 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL6 interleukin 6 [*Mus musculus*]

Official Symbol IL6

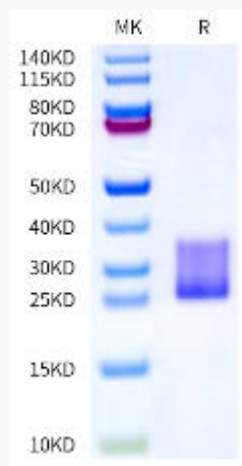
Synonyms IL6; interleukin 6; interleukin-6; interleukin HP-1; B-cell hybridoma growth factor; IL-6;

Gene ID 16193

mRNA Refseq NM_031168

Protein Refseq NP_112445

Bis-Tris PAGE

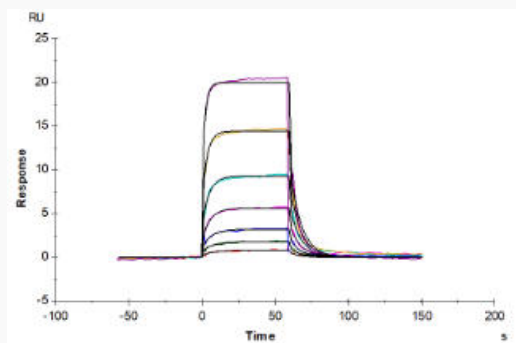


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SPR Data



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