

Active Recombinant Mouse Il6 protein(Phe25-Thr211)

Cat. No. Il6-657M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il6 protein(P08505)(Phe25-Thr211) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe25-Thr211
similar	Il6
Alias	IL6; interleukin 6; interleukin-6; interleukin HP-1; B-cell hybridoma growth factor; IL-6;
Conjugate	N/A
Form	Lyophilized from sterile 50mM HAc, pH3.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	Measured in a cell proliferation assay using T1165 mouse plasmacytoma cells. The ED50 for this effect is typically 0.1-0.8 ng/mL.
MolecularMass	The recombinant mouse IL6 consists of 188 amino acids and predicts a molecular mass of 21.9 KDa. It migrates as an approximately 22 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.
GeneName	Il6 interleukin 6 [Mus musculus]
GeneNameWeblink	16193
OfficialSymbol	Il6
OfficialSymbolWeblink	16193
GenelD	16193
GenelDWeblink	16193
mRNARefseq	NM_031168
mRNARefseqWeblink	NM_031168.1
ProteinRefseqWeblink	NP_112445.1
MIMWeblink	
UniProtID	
UniProtIDWeblink	

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GENE INFORMATION

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