

Active Recombinant Rat IL6 protein

Cat. No. IL6-8710R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL6 protein(NP_036721.1)(Phe25-Thr211) was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Phe25-Thr211
Form	Lyophilized from sterile 40% acetonitrile, 0.1% TFA. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in a cell proliferation assay using T1165 mouse plasmacytoma cells. The ED50 for this effect is typically 1-6 ng/ml.
Molecular Mass	The recombinant rat IL6 consists of 188 amino acids and has a predicted molecular mass of 21.9 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 22 kDa in SDS-PAGE under reducing conditions.
Purity	> 85 % 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

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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.

GENE INFORMATION

Gene Name	Il6 interleukin 6 [<i>Rattus norvegicus</i>]
Official Symbol	IL6
Synonyms	IL6; interleukin 6; interleukin-6; IL-6; Interleukin 6 (interferon, beta 2); ILg6; Ifnb2;
Gene ID	24498
mRNA Refseq	NM_012589
Protein Refseq	NP_036721

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