

Product Information

Recombinant Rat Il6

Product Information

Catalog#	MK0473H
Product Name	Recombinant Rat Il6
Product Overview	Recombinant Rat Il6 (Phe25-Thr211), fused with an initial Met, was produced in E. coli.
Description	Interleukin 6 (IL-6, IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation of various tissues, and is known particularly for its role in the immune response and acute phase reactions. IL-6/IL6 is a cytokine with a wide variety of biological functions and belongs to the IL-6 superfamily. IL-6/IL6 is a potent inducer of the acute phase response and plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differen
Source	E. coli
Species	Rat
Tag	N/A
Formulation	Lyophilized from sterile 40% acetonitrile, 0.1% TFA, 5%~8% trehalose and mannitol.
Purity	>90% as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
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.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.