

Active Recombinant Cynomolgus IL6 protein, His-tagged

Cat. No. IL6-0299C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL6 protein(Ala28-Met212), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	28-212 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus IL-6, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human IL-6 R alpha, Fc,Avitag with a linear range of 0.6-39 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 22.9 kDa. The protein migrates as 26-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala28-Met212
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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

Official Symbol	IL6
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