

Active Recombinant Cynomolgus IL10 protein, His-tagged

Cat. No. IL10-0292C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL10 protein(Ser19-Asn178), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	19-178 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Cynomolgus IL-10 R alpha Protein, Fc Tag at 5 µg/mL (100 µL/well) can bind Cynomolgus IL-10 Protein, His Tag with a linear range of 0.01-0.313 µg/mL. Immobilized Cynomolgus IL-10 Protein, His Tag at 5 µg/mL (100 µL/well) can bind Cynomolgus IL-10 R alpha Protein, Fc Tag with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 20.6 kDa. The protein migrates as 21-22 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser19-Asn178
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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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	IL10
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