

# Active Recombinant Cynomolgus IL10 protein, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus IL10 protein(Ser19-Asn178), fused with His tag, was expressed in HEK293.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	19-178 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Ser19-Asn178
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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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