

Active Recombinant Cynomolgus IL11 protein, His-tagged


Cat. No. IL11-1580C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL11 protein(Pro22-Leu199), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	22-199 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Cynomolgus IL-11 Protein, His Tag at 5 µg/mL (100 µL/well) can bind Human IL-11 R alpha, Fc Tag with a linear range of 0.02-0.625 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 21 kDa. The protein migrates as 22-26 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Pro22-Leu199
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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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.

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