

Active Recombinant Cynomolgus IL3 protein, His-tagged

Cat. No. IL3-0220C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL3 protein(Ala20-Gln143), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	20-143 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Loaded Human IL-3 R alpha, Fc Tag on Protein A Biosensor, can bind Cynomolgus IL-3, His Tag with an affinity constant of 1.30 µM as determined in BLI assay (ForteBio Octet Red96e) (QC tested).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 15.9 kDa. The protein migrates as 18-27 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala20-Gln143
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

IL3

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