

Active Recombinant Cynomolgus / Rhesus macaque IL15 protein, His-tagged

Cat. No. IL15-0177C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus / Rhesus macaque IL15 protein(Asn49-Ser162), fused with His tag, was expressed in HEK293.
Species	Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	49-162 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 Human IL-15 R alpha, Fc Tag at 2 µg/mL (100 µL/well) can bind Cynomolgus / Rhesus macaque IL-15, His Tag with a linear range of 1-8 ng/mL. Immobilized Anti-IL-15 Antibody, Human IgG1 at 2 µg/mL (100 µL/well) can bind Cynomolgus / Rhesus macaque IL-15, His Tag with a linear range of 2-16 ng/mL. Immobilized Cynomolgus / Rhesus macaque IL-15, His Tag at 2 µg/mL (100 µL/well) can bind Human IL-2RB&IL-2RG Heterodimer Protein, Fc Tag&Fc Tag (MALS verified) with a linear range of 0.039-0.625 µg/mL. Immobilized Cynomolgus / Rhesus macaque IL-15, His Tag at 2 µg/mL (100 µL/well) can bind Human IL-2RB&IL-2RA&IL-2RG, Fc Tag&Fc Tag with a linear range of 0.078-1.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated

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	MW of 14.9 kDa. The protein migrates as 14 kDa and 16-18 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asn49-Ser162
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
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	IL15