

Active Recombinant Cynomolgus IL5 protein(Ile 20 - Ser 134), His-tagged

Cat. No. IL5-2176C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL5 protein(A0A2K5U1E7-1)(Ile 20 - Ser 134), fused with N-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Ile 20 - Ser 134
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Cynomolgus IL-5, His Tag at 5 µg/mL (100 µL/well) can bind Human IL-5 R alpha, Fc Tag with a linear range of 1-31 ng/mL.
Molecular Mass	The protein has a calculated MW of 15.0 kDa. The protein migrates as 19-23 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage 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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