

Active Recombinant Cynomolgus IL4 protein, His-tagged, Low Endotoxin

Cat. No. IL4-1512C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL4 protein(P79339-1)(25-153 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	25-153 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus IL-4, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human IL-4 R alpha, hFc Tag with the EC50 of 0.88ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 16.03 kDa. Due to glycosylation, the protein migrates to 20-28 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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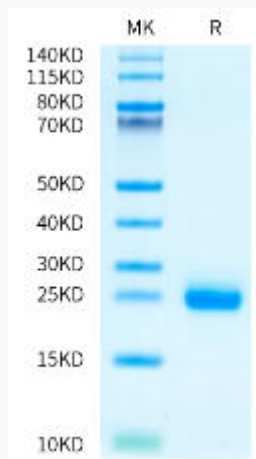
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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

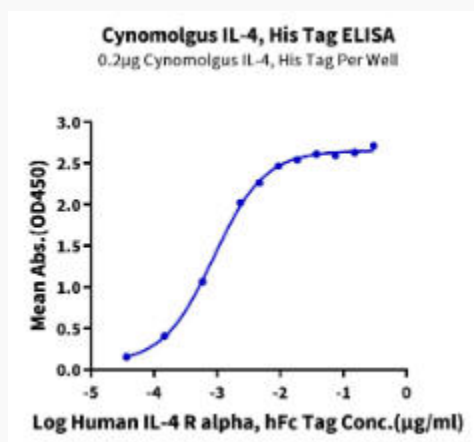
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data



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