

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

Cat. No. IFNA-358C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IFNA protein(EHH53981.1)(27-243 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	27-243 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Cynomolgus IFN alpha/beta R2, His Tag captured on CM5 Chip via anti-his antibody can bind Human IFN alpha 1, hFc Tag with an affinity constant of 70.28 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 25.93 kDa. Due to glycosylation, the protein migrates to 43-60 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	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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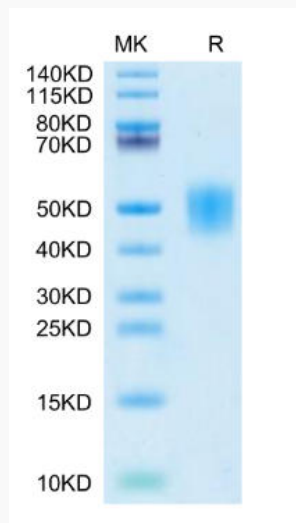
 45-1 Ramsey Road, Shirley, NY 11967, USA

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

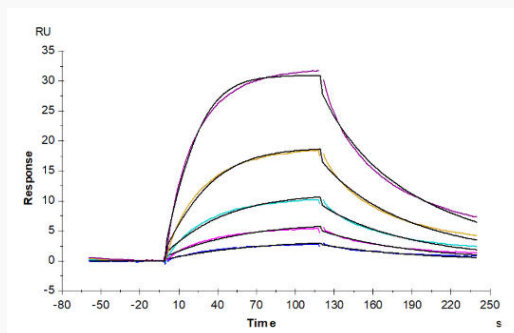
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



SPR Data



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