

Active Recombinant Cynomolgus IL12A & IL12B protein, His-tagged, Low Endotoxin

Cat. No. IL12A & IL12B-1403C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL12A & IL12B protein(G7P6S2(IL-12B) & XP_005546300.2(IL-12A))(23-328 aa(IL12B) & 57-253 aa(IL12A)), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	23-328 aa(IL12B) & 57-253 aa(IL12A)
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-12, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-IL-12 Antibody, hFc Tag with the EC50 of 3.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 34.76 kDa (IL-12B) and 23.64 kDa (IL-12A). Due to glycosylation, the protein migrates to 45-48 kDa (IL-12B) and 38-44 kDa (IL-12A) 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

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Storage

-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

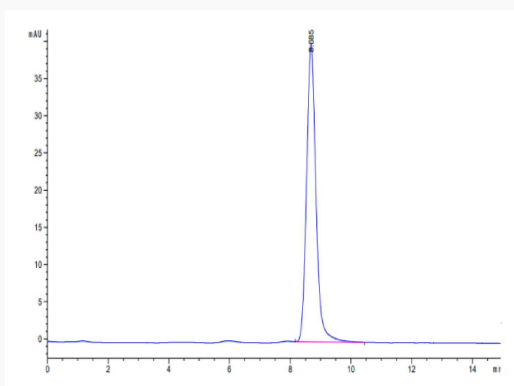
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data



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