

Recombinant Cynomolgus IL12A & IL12B protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL12A & IL12B protein(G7P6S2(IL12B)&XP_005546300.2(IL12A))(Ile23-Ser328(IL12B) & Arg57-Ser253(IL12A)), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	C-His
ProteinLength	Ile23-Ser328(IL12B) & Arg57-Ser253(IL12A)
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
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 8.5ng/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

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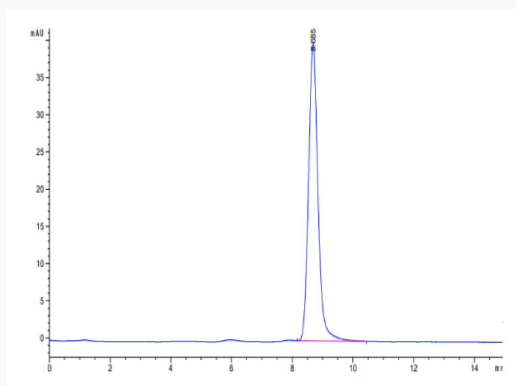
Storage

Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

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.

Tris-Bis PAGE

SEC-HPLC


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ELISA