

Cynomolgus CCL24 Protein

Cat. No. CCL-CM124



Description

Source	Recombinant Cynomolgus CCL24 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains His19-His119.
Accession	XP_005549400.1
Molecular Weight	The protein has a predicted MW of 12.36 kDa. Due to glycosylation, the protein migrates to 23-38 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE > 90% as determined by HPLC

Formulation and Storage

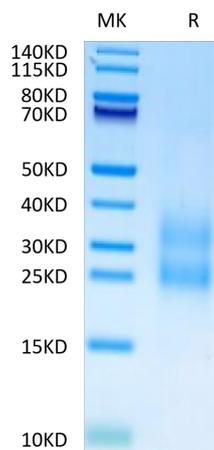
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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.

Background

C-C motif chemokine ligand 24 (CCL24) is a chemokine that regulates inflammatory and fibrotic activities through its receptor, C-C motif chemokine receptor (CCR3). CCL24 is a chemokine that regulates inflammation and fibrosis. It was found to be significantly expressed in patients with non-alcoholic steatohepatitis, in whom it regulates profibrotic processes in the liver.

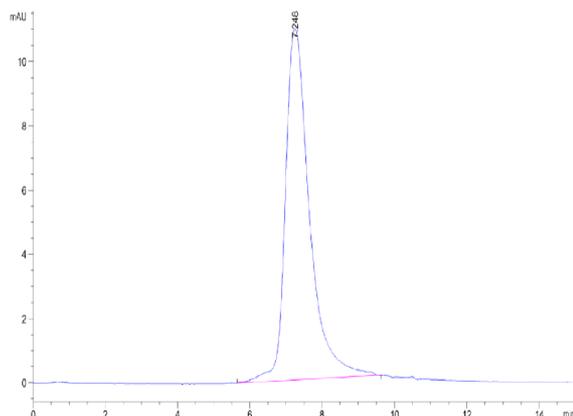
Assay Data

Bis-Tris PAGE



Cynomolgus CCL24 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.

SEC-HPLC



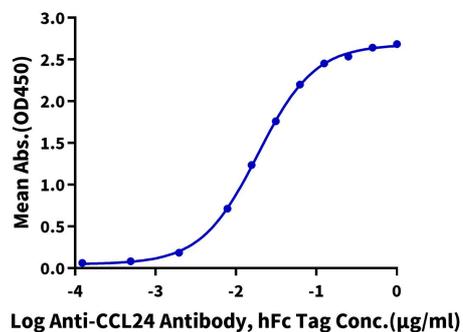
The purity of Cynomolgus CCL24 is greater than 90% as determined by SEC-HPLC.

Assay Data

ELISA Data

Cynomolgus CCL24, His Tag ELISA

0.2µg Cynomolgus CCL24, His Tag Per Well



Immobilized Cynomolgus CCL24, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-CCL24 Antibody, hFc Tag with the EC50 of 18.7ng/ml determined by ELISA.