

# Cynomolgus CCL24 Protein

Cat. No. CCL-CM124



## Description

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

## Formulation and Storage

<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days 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

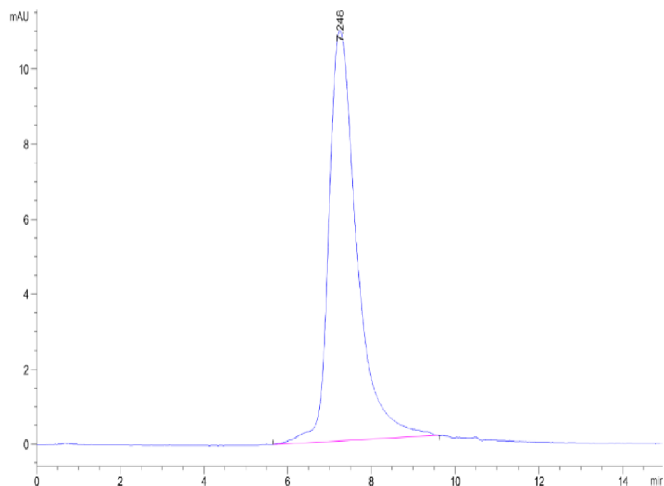
### Tris-Bis PAGE



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

### SEC-HPLC

Assay Data

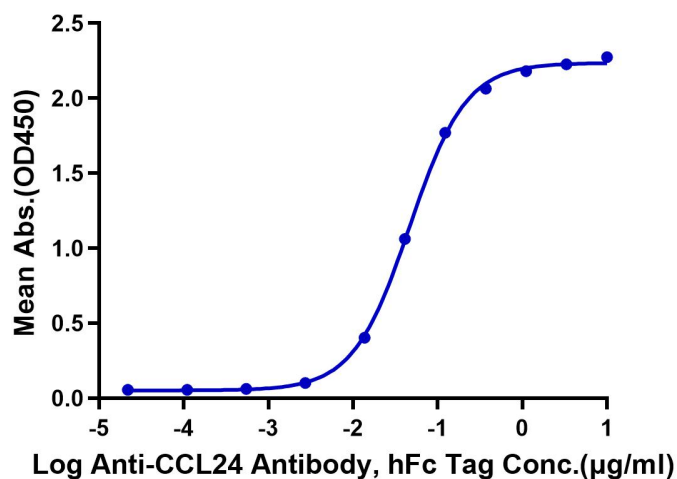


The purity of Cynomolgus CCL24 is greater than 90% as determined by SEC-HPLC.

ELISA Data

**Cynomolgus CCL24, His Tag ELISA**

0.1µg Cynomolgus CCL24, His Tag Per Well



Immobilized Cynomolgus CCL24, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-CCL24 Antibody, hFc Tag with the EC50 of 46.8ng/ml determined by ELISA.