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Datasheet for ABIN7454099

CCL24 Protein (AA 19-119) (His tag)

Overview

Quantity:	100 µg
Target:	CCL24
Protein Characteristics:	AA 19-119
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL24 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus CCL24 Protein
Sequence:	His19-His119
Characteristics:	Recombinant Cynomolgus CCL24 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains His19-His119.
Purity:	> 90 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	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. See testing image for detail.

Target Details

Target:	CCL24
Alternative Name:	CCL24 (CCL24 Products)
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.
Molecular Weight:	12.36 kDa. Due to glycosylation, the protein migrates to 23-38 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_005549400
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months 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.
Expiry Date:	12 months