

CCL24 Protein, Mouse, Recombinant (His)

General Information

Synonyms:	MPIF2;CK-beta-6;member 24;CK-β-6;CCL24;SCYA24;Eotaxin-2;Ckb-6;MPIF-2
Protein Construction:	Val27-Val119
Species:	Mouse
Expression Host:	HEK293 Cells
Accession:	Q9JKC0
Molecular Weight:	11.7 kDa (predicted). Due to glycosylation, the protein migrates to 20-28 kDa based on Tris-Bis PAGE result.

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Supplied as 0.22 μm filtered solution in 20 mM Tris, 500 mM NaCl (pH 7.5).

Preparation and Storage

Stability & Storage:

It is recommended to store the product under sterile conditions at -70°C or lower. Samples are stable for up to 12 months at -80°C. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein 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.

Reference

Segal-Salto M, et al. A blocking monoclonal antibody to CCL24 alleviates liver fibrosis and inflammation in experimental models of liver damage. JHEP Rep. 2020 Jan 2;2(1):100064. doi: 10.1016/j.jhepr.2019.100064. PMID: 32039405; PMCID: PMC7005554.

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