

CCL24/Eotaxin-2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78248
Synonyms:	CK-beta-6; Eotaxin-2; MPIF-2; MPIF2; SCYA24; Ckb-6; CCL24; member 24; CK-β-6
Species:	Mouse
Source:	HEK293
Accession:	Q9JKC0 (V27-V119)
Gene ID:	56221
Molecular Weight:	20-28 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.5.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	CCL24, also known as eosinophil chemotactic protein 2 (eotaxin-2) and myeloid progenitor inhibitory factor 2 (MPIF-2), is a small cytokine of the CC chemokine family, located on chromosome 7 in the human genome. CCL24 is highly chemotactic for resting T lymphocytes and eosinophils and has low chemotactic activity for neutrophils, but not for monocytes and activated lymphocytes. By binding to its sole receptor CCR3, of which CCR3, is present mainly on eosinophils, but also on basophils, monocytes, Th2 lymphocytes, epithelial cells and airway smooth muscle. CCL24 mainly mediates atopic diseases, parasitic infections and systemic diseases, but also promotes cellular transport and regulates inflammatory and fibrotic activities ^{[1][2]} .
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REFERENCES

- [1]. Hui Li, et al. Trophoblasts-derived chemokine CCL24 promotes the proliferation, growth and apoptosis of decidual stromal cells in human early pregnancy. *Int J Clin Exp Pathol.* 2013 May 15;6(6):1028-37.
- [2]. Michal Segal-Salto, 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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