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CCL24
Recombinant Human CCL24 / Eotaxin-2 (His Tag)

Catalog No.	CRH589A-His	**Quantity:**	20 µg
	CRH589B-His		50 µg
	CRH589C-His		1.0 mg

Alternate Names: C-C motif chemokine 24, CK-beta-6, Eosinophil chemotactic protein 2, Eotaxin-2, Myeloid progenitor inhibitory factor 2, MPIF-2, Small-inducible cytokine A24

Description: CCL24 belongs to the intercrine beta (chemokine CC) family. CCL24 displays chemotactic activity on resting T lymphocytes, minimal activity on neutrophils, and is negative on monocytes and activated T lymphocytes. CCL24 interacts with chemokine receptor CCR3 to induce chemotaxis in eosinophils. It has lower chemotactic activity for neutrophils but none for monocytes and activated lymphocytes. CCL24 is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. Elevated levels of CCL24 has been seen in patients with aspirin-exacerbated respiratory disease.

UniProt ID: O00175

Protein Construction: A DNA sequence encoding the human CCL24 (Met 1-Cys 119) was fused with a polyhistidine tag at the C-terminus.

Source: Baculovirus-Insect Cells

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Molecular Weight: The secreted recombinant human CCL24 consists of 103 amino acids and predicts a molecular mass of 11.8 kDa. It migrates at ~19 KDa in SDS-PAGE under reducing conditions.

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin Level: < 1.0 EU per µg of the protein as determined by the LAL method

Biological Activity: Testing in progress

Predicted N-terminal: Val 27

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.
DO NOT VORTEX. Allow several minutes for complete reconstitution.

Storage & Stability: Stable for up to 1 year from date of receipt at -20°C to -80°C
After reconstitution, store working aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

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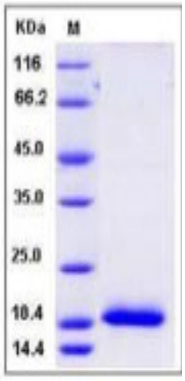
SDS-PAGE



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