

CCL24

Recombinant Human Eotaxin-2

Catalog No.	CRE001A	Quantity:	5 µg
	CRE001B		20 µg
	CRE001C		1.0 mg

Alternate Names: MPIF-2, Ckβ6

Description: Eotaxin-2 (CCL24) is a novel CC chemokine recently identified. It is produced by activated monocytes and T lymphocytes. Eotaxin-2 selectively chemoattracts cells expressing CCR3 including eosinophils, basophils, Th2 T cells, mast cells, and certain subsets of dendritic cells. Additionally, Eotaxin-2 inhibits the proliferation of multipotential hematopoietic progenitor cells. The mature protein, which also includes a C-terminal truncation, contains 78 amino acid residues (92 a.a. residues for the murine homolog, without C-terminal truncation).

CCL24 is a single non-glycosylated polypeptide chain containing 78 amino acids.

Source: *E. coli*

Molecular Weight: 8.8 kDa

Formulation: Lyophilized from a 0.2 µm filtered concentrated (1.0 mg/mL) solution in 20 mM PB, pH 7.4 + 150 mM NaCl.

Purity: >97% by SDS-PAGE and HPLC

Endotoxin Level: <1 EU/µg.

Biological Activity: Determined by its ability to chemoattract using peripheral blood eosinophils using a concentration of 50-100 ng/mL.

Amino Acid Sequence: VVIPSPCCMFFVSKRIPENRVVSYQLSSRSTCLKGGVIFTTKKGQQFCGDPKQEWVQR
YMKNLDAKQKKASPRARAVA

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.

Storage & Stability: Stable at 2-8°C, but best kept desiccated -20°C. Upon reconstitution, stable for up to 1 week at 2-8°C. For longer term, store in working aliquots below -20°C. **Avoid repeated freeze/thaw cycles.**

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