CCL24
Recombinant Human Eotaxin-2/CCL24

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

Alternate Names: Ckb-6, MPIF-2, MPIF2, SCYA24, CK-beta-6, eotaxin-2, myeloid progenitor inhibitory factor 2, small inducible cytokine A24, small inducible cytokine subfamily A (Cys-Cys), member 24

Description: Recombinant Human Eotaxin-2/CCL24 is a single non-glycosylated polypeptide chain containing 78 amino acids.
Background: 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).

Gene ID: 6369

Protein Accession No: O0017

Source: *E. coli*

Molecular Weight: 8.8 kDa

Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.

Purity: >97% by SDS-PAGE and HPLC

Endotoxin Level: Less than 1 EU/µg of rHuEotaxin-2/CCL24 as determined by LAL method.

Biological Activity: Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood eosinophils is in a concentration of 50-100 ng/ml.

Amino Acid Sequence: VVIPSPCCMF FVSKRIPENR VVSYQLSSRS TCLKAGVIFT TKKGQQFCGD PKQEWVQRYM KNLDAKQKKA SPRARAVA

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: This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2 -4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. **Avoid repeated freeze/thaw cycles.**

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