

Recombinant Human CCL24 protein

Cat. No. CCL24-207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL24 protein was expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	78
Description	CCL24 is a secreted protein, encoded by CCL24 gene in humans located on Chr.7, and produced by activated monocytes and T lymphocytes. CCL24 has functions of chemotactic activity for resting T-lymphocytes and eosinophils, but none for monocytes and activated lymphocytes. The plasma levels of CCL24 and the aspirin-exacerbated respiratory disease (such as asthma) morbidity rate have positive correlation.
Form	Lyophilized from a 0.2µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Bio-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.
Molecular Mass	Approximately 8.8 kDa, a single non-glycosylated polypeptide chain containing 78 amino acids.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	VVIPSPCCMFFVSKRIPENRVVSYQLSSRSTCLKAGVIFTTKKGQQFCGDPKQEWV QRYMKNLDAKQKKASPRARAVA
Endotoxin	Less than 1 EU/μg of rHuEotaxin-2/CCL24 as determined by LAL method.
Purity	>97% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	CCL24
Official Symbol	CCL24
Synonyms	CCL24; chemokine (C-C motif) ligand 24; SCYA24, small inducible cytokine subfamily A (Cys Cys), member 24; C-C motif chemokine 24; CK beta 6; Ckb 6; eotaxin 2; MPIF 2; MPIF2; myeloid progenitor inhibitory factor 2; CK-beta-6; eotaxin-2; small-inducible cytokine A24; eosinophil chemotactic protein 2; small inducible cytokine subfamily A (Cys-Cys), member 24; Ckb-6; MPIF-2; SCYA24;
Gene ID	6369

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mRNA Refseq	NM_002991
Protein Refseq	NP_002982
MIM	602495
UniProt ID	O00175

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