

Eotaxin-2 Human Recombinant (CCL24)

Item Number	rAP-0135
Synonyms	C-C motif chemokine 24, Small-inducible cytokine A24, Myeloid progenitor inhibitory factor 2, CK-beta-6, Eosinophil chemotactic protein 2, Eotaxin-2, CCL24, Ckb-6, MPIF2, MPIF-2, SCYA24, Eotaxin2, CCL-24.
Description	CCL24 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 78 amino acids and having a molecular mass of 8.8 kDa. The CCL24 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00175
Amino Acid Sequence	VVIPSPCCMFFVSKRIPENRVVSYQLSSRSTCLKGGVIFTTKKGQQFCGDPKQEWV QRYMKNLDAKQK-KASPRARAVA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Eotaxin-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL24 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The CCL24 protein was lyophilized from a concentrated (1mg/ml) sterile solution containing 20mM PBS pH-7.4 and 0.15M sodium chloride. Greater than 97.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized CCL24 Human Recombinant in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity is determined by the chemoattract of human PBE (peripheral blood eosinophils) at a concentration between 50-100 ng/ml corresponding to a Specific Activity of 10,000-20,000IU/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**