

Human Eotaxin Recombinant Protein



RPPB1122

Product Information Protein Information

Product SKU:

RPPB1122

Accession:

P51671

Host:

Escherichia Coli.

Protein description:

Eotaxin Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 74 amino acids and having a molecular mass of 8345.9 Dalton. The CCL11 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Small inducible cytokine A11, CCL11, Eosinophil chemotactic protein, chemokine (C-C motif) ligand 11, SCYA11, MGC22554.

Formulation:

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

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Eotaxin Human Recombinant in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Eotaxin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL11 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.

Amino Acid Sequence:

GPASVPTTCC FNLANRKIPL QRLESYRRIT SGKCPQKAVI FKTKLAKDICADPKKKWVQD SMKYLDQKSP TPKP.

Biological Activity:

The activity is determined by the chemoattract of human PBE (peripheral blood eosinophils) at a concentration between 0.1-10 ng/ml corresponding to a Specific Activity of 100,000-10,000,000IU/mg.