

Rat Eotaxin Recombinant Protein



RPPB1125

Product Information Protein Information

Product SKU:

RPPB1125

Accession:

P97545

Host:

Escherichia Coli.

Protein description:

Eotaxin Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 74 amino acids and having a molecular mass of 8.4kDa. 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.

Formulation:

Filtered (0.2µm) and lyophilized from a concentrated (1mg/ml) solution in 1×PBS, pH7.4.

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 in sterile 18M-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 -18C. Upon reconstitution CCL11 should be stored at 4C between 2-7 days and for future use below -18C.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:

HPGSIPTSCC FTMTSKKIPN TLLKSYKRIT NNRCTLKAIV FKTKLGKEICADPKKKWVQD ATKHLDQKLQ TPKP.

Biological Activity:

Determined by its ability to chemoattract purified blood eosinophils using a concentration range of 0.1-1.0 ug/ml, corresponding to a Specific Activity of 10-100IU/mg.