

# Mouse Eotaxin Recombinant Protein



RPPB1124

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## Product Information    Protein Information

**Product SKU:**

RPPB1124

**Accession:**

P48298

**Host:**

Escherichia Coli.

**Protein description:**

Eotaxin Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 74 amino acids and having a molecular mass of 8403.2 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.

**Formulation:**

Lyophilized from a concentrated (1mg/ml) solution in water containing no additives.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Eotaxin in sterile 18MΩ-cm H<sub>2</sub>O 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:**

The sequence of the first five N-terminal amino acids was determined and was found to be His-Pro-Gly-Ser-Ile.

**Biological Activity:**

The Biological activity was determined by measuring the dose dependent phosphorylation of ERK1 and ERK2 in CCR3 transfected 293 cells. Significant ERK phosphorylation is observed with >100 ng/ml (corresponding to a Specific Activity of 10,000IU/mg) of recombinant mouse eotaxin.