

## Murine Eotaxin / CCL11

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

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order #	Lot #	Expiry Date
5 µg	1342.960.005		
20 µg	1342.960.020		
1 mg	1342.960.199		

Please enquire for bulk quantities and other vial sizes

### Description

Eotaxin Murine 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.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a concentrated (1mg/ml) solution in water containing no additives\*
- **Physical state** Sterile filtered, lyophilized

### 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.

### Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

### 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 avoid repeated 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.

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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