

RP00812

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# Recombinant Human CCL11/Eotaxin Protein

Catalog No.: RP00812 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	6356	P51671

### Tags

No-Tag

### Synonyms

CCL11; SCYA11 , Eotaxin; C-C motif chemokine 11;Small-inducible cytokine A11

## Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE.

### Endotoxin

< 0.01 EU/μg of the protein by LAL method.

### Formulation

Supplied as 0.22μm filtered solution in PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Background

CCL11 is a secreted protein that belongs to the intercrine beta (chemokine CC) family. In response to the presence of allergens, CCL11 selectively recruits eosinophils, a prominent feature of allergic inflammatory reactions. The effects of CCL11 are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor. Chemokine receptors for CCL11 include CCR2, CCR3 and CCR5. However, it has been found that CCL11 has high degree selectivity for its receptor, such that they are inactive on neutrophils and monocytes, which do not express CCR3.

## Basic Information

### Description

Recombinant Human CCL11/Eotaxin Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Gly24-Pro97) of human CCL11/Eotaxin (Accession #P51671).

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

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