

RP00313

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# Recombinant Human CCL11/Eotaxin Protein

Catalog No.: RP00313

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	6356	P51671

### Tags

No tag

### Synonyms

CCL11;SCYA11;eotaxin

## Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

This antimicrobial protein is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil-specific chemokine is thought to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections.

## Basic Information

### Description

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

### Bio-Activity

Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CCR3. The ED<sub>50</sub> for this effect is 1-5 ng/mL.

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. 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.

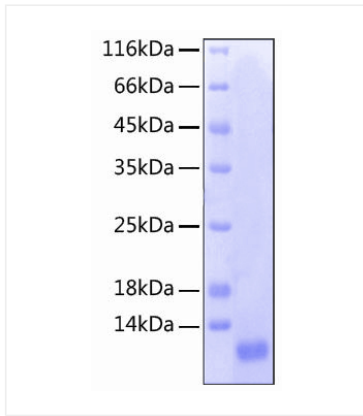
## Contact



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

## Validation Data

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Recombinant protein Human CCL11/Eotaxin was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 8 kDa.