Recombinant Human CCL11/Eotaxin Protein

Catalog No.: RP00812

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Sequence Information

Species
Human

Gene ID
6356

Swiss Prot
P51671

Tags
5-15 kDa

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

Product Information

Source
E. coli

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
8.36 kDa

Observed MW
5-15 kDa

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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).

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

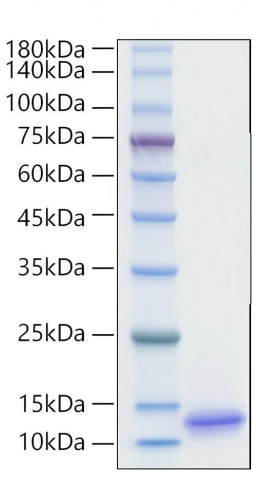
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human CCL11/Eotaxin Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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