

RP01374

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Recombinant Human CCL17/TARC Protein

Catalog No.: RP01374 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	6361	Q92583

Tags

C-hFc&His

Synonyms

CCL17;A-152E5.3;ABCD-2;SCYA17;TARC

C

Background

There are four members of the chemokine family: C-C kemokines, C kemokines, CXC kemokines and CX3C kemokines. The C-C kemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands-1 to 28.

Chemokine ligand 17 (CCL17), also known as thymus and activation regulated chemokine(TARC), is a small cytokine belonging to the C-C chemokine family. CCL17 is expressed mainly in thymus and transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. CCL17 can induce chemotaxis in T cells by binding with the chemokine receptor CCR4.

Product Information

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

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 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.

Basic Information

Description

Recombinant Human CCL17/TARC Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala24-Ser94) of human CCL17/TARC (Accession #NP_002978.1) fused with a Fc, 6×His tag at the C-terminus.

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.

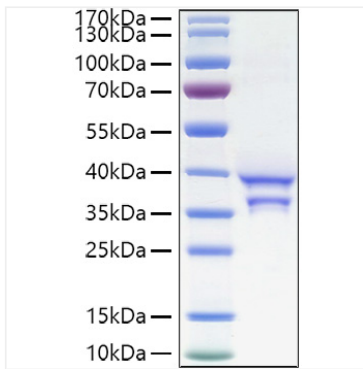
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Validation Data



Recombinant Human CCL17/TARC Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.