

Recombinant Mouse CCL17/TARC Protein

Catalog No.: RP01905 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	20295	Q9WUZ6

Tags

C-His

Synonyms

Ccl17; Tarc; C-C motif chemokine 17; ABCD-2; CC chemokine TARC; Small-inducible cytokine A17; Thymus and activation-regulated chemokine

Product Information

Source	Purification
<i>Pichia</i>	PBS

Calculated MW	Observed MW
8.76 kDa	10-15 kDa

Endotoxin

<1EU/μg

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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

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Background

TARC ligand (CCL17) belongs to the CC chemokine family. It is a small cytokine and the gene is located on q arm of chromosome 16, in humans, along with other chemokines. TARC specifically binds to T-cells and interacts with chemokine receptors CCR4 and CCR8. It plays an important role in T cell development in thymus as well as in trafficking and activation of mature T cells.

Basic Information

Description

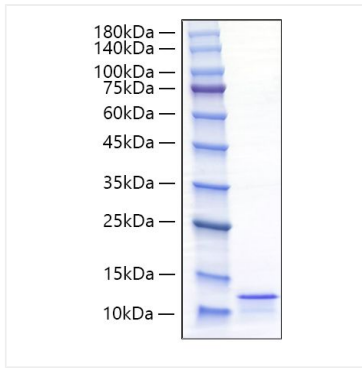
Recombinant Mouse CCL17/TARC Protein by Pichia expression system. The target protein is expressed with sequence (Ala24-Pro93) of Mouse CCL17/TARC (Accession #NP_035462.2) fused with a His tag at the C-terminus..

Bio-Activity

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.

Validation Data



Recombinant Mouse CCL17/TARC Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15kDa.