

RPPB1259

Product Information Protein Information

Product SKU:

RPPB1259

Accession:

Q92583

Host:

Escherichia Coli.

Protein description:

CCL17 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 71 amino acids and having a molecular mass of 8 kDa. The TARC is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 17, Small-inducible cytokine A17, Thymus and activation-regulated chemokine, CC chemokine TARC, ABCD-2, CCL17, CCL-17, SCYA17, TARC, A-152E5.3, MGC138271, MGC138273.

Formulation:

The protein was lyophilized from a concentrated (0.5mg/ml) solution containing 20mM PBS & 150mM NaCl pH-7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CCL17 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TARC although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TARC should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

ARGTNVGRECCLEYFKGAIPLRKLKTYQTSSEDCSRDAIVFVTVQGRAICSDPNNK RVKNAVYKYLQSLERS.

Biological Activity:

Determined by its ability to chemoattract human T-Lymphocytes using a concentration range of 1.0-10.0 ng/ml corresponding to a Specific Activity of 100,000-1,000,000IU/mg.