

Rat TARC Recombinant Protein



RPPB1262

Product Information Protein Information

Product SKU:

RPPB1262

Accession:

Q9ERE0

Host:

Escherichia Coli.

Protein description:

TARC Rat Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 70 amino acids and having a molecular mass of 8.1kDa. The TARC Rat is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Thymus and activation-regulated chemokine, CCL17, SCYA17, TARC.

Formulation:

The protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH7.4.

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 TARC in sterile 18M-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 -18C. Upon reconstitution TARC should be stored at 4C between 2-7 days and for future use below -18C. 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:

ARATNVGREC CLDYFKGAIP IRKLVTWFRT SVECPKDAIV FETVQGR LIC TDPKDKHVKK AIRHLKNQRL.

Biological Activity:

Determined by its ability to chemoattract human T-Lymphocytes using a concentration range of 1.0-10.0 ng/ml.