

## Rat TARC / CCL17

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

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
5 µg	1915.970.005		
20 µg	1915.970.020		
1 mg	1915.970.199		

Please enquire for bulk quantities and other vial sizes.

### Description

TARC Rat Recombinant produced in *E.Coli* is a non-glycosylated, polypeptide chain containing 70 amino acids and having a molecular mass of 8.1 kDa.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The protein was lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH7.4\*
- **Physical State** Sterile filtered, lyophilized

### Biological Activity

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

### Reconstitution

It is recommended to reconstitute the lyophilized TARC in sterile 18M-cm H<sub>2</sub>O 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 4 C 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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

ARATNVGREC CLDYFKGAIP IRKLVTFWVRT SVECPKDAIV FETVQGRLLIC TDPKDKHVKK AIRHLKNQRL

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.