

## Recombinant Rhesus Macaque Thymus and Activation Regulated Chemokine/CCL17 (Rhesus Macaque TARC/CCL17)

### Product Information

Product Name	Cat#	Size
Recombinant Rhesus Macaque Thymus and Activation Regulated	90976ES10	10 µg
Chemokine/CCL17 (Rhesus Macaque TARC/CCL17)	90976ES60	100 µg
	90976ES76	500 µg

### Product Description

TARC, a CC chemokine, is predominantly produced by dendritic cells in the thymus, and signals through the CCR4 receptor. TARC is chemotactic towards T cells. Recombinant Rhesus Macaque TARC is an 8.1 kDa protein containing 71 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

### Product Properties

<b>Synonyms</b>	Thymus and Activation Regulated Chemokine, CCL17, ABCD-2
<b>Accession</b>	Q8HYP9
<b>GeneID</b>	574180
<b>Source</b>	E.coli-derived Rhesus Macaque TARC protein,Ala24-Ser94.
<b>Molecular Weight</b>	Approximately 8.1 kDa.
<b>AA Sequence</b>	ARGTNVGREC CLKYFKGAIP LRKCLKTWYQT SEDCSRDAIV FVTVQNKAIC SDPNDKKVKK ALKYLQSLER S
<b>Tag</b>	None
<b>Physical Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Purity</b>	> 97% by SDS-PAGE and HPLC analyses.
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 1.0-10 ng/ml.
<b>Endotoxin</b>	<0.1 EU/µg of protein as determined by LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, 300 mM NaCl, pH 7.4, with 0.02 % Tween-20.  We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
<b>Reconstitution</b>	Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

### Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

### Cautions

1. Avoid repeated freeze-thaw cycles.

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2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.