

CCL17

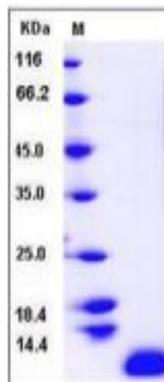
Recombinant Human CCL17 / TARC / SCYA17

Catalog No.	CRH421A CRH421B CRH421C	Quantity:	20 µg 50 µg 1.0 mg
Alternate Names:	C-C motif chemokine 17, CC chemokine TARC, Small-inducible cytokine A17, Thymus and activation-regulated chemokine		
Description:	Chemokines are a family of small chemotactic cytokines, or proteins secreted by cells. Chemokines share the same structure similarities such as small size, and the presence of four cysteine residues in conserved locations in order to form their 3-dimensional shape. Some of the chemokines are considered pro-inflammatory which can be induced to recruit cells of the immune system to a site of infection during an immune response, while others are considered homeostatic and are implied in controlling the migration of cells during normal processes of tissue maintenance and development. There are four members of the chemokine family: C-C kemokines, C kemokines, CXC kemokines and CX3C kemokines. The C-C kemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands-1 to 28. Chemokine ligand 17 (CCL17), also known as thymus and activation regulated chemokine(TARC), is a small cytokine belonging to the C-C chemokine family. CCL17 is expressed mainly in thymus and transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. CCL17 can induce chemotaxis in T cells by binding with the chemokine receptor CCR4.		
UniProt ID:	Q92583-1		
Protein Construction:	A DNA sequence encoding the human CCL17 (Met 1-Ser 94) was expressed and purified.		
Source:	Baculovirus-Insect Cells		
Molecular Weight:	The secreted recombinant human CCL17 consists of 71 amino acids and predicts a molecular mass of 8 kDa. It migrates as an approximately 10 kDa band in SDS-PAGE under reducing conditions.		
Formulation:	Lyophilized from sterile PBS, pH 7.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
Purity:	> 95 % as determined by SDS-PAGE.		
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method		
Biological Activity:	Testing in progress		
Predicted N-terminal:	Ala 24		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		

Storage & Stability:

Stable for up to 1 year from date of receipt at -20°C to -80°C
After reconstitution, store working aliquots at -20°C to -80°C .
Avoid repeated freeze-thaw cycles.

SDS-PAGE



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