

## Active Recombinant Mouse Chemokine (C-C motif) Ligand 17

**Cat. No.** Ccl17-463M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ccl17protein was expressed in E. coli. Ala24-Pro93.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-93 a.a.
<b>Description</b>	Human thymus and activationregulatedchemokine (TARC) also known as Ccl17, is a novel CC chemokine identified using a signal sequence trap method. Mouse Ccl17 was discovered as a dendritic cell(DC) specific gene by differentiation RNA display. Mouse Ccl17 cDNA encodes a highly basic 93 amino acid (aa) residue precursor protein with a 23 aa residueputative signal peptide that is cleaved to generate the 70 aa residue mature secretproteins.
<b>Form</b>	Lyophilized from a 0.2µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
<b>N-terminalSequence</b>	Ala24
<b>Molecular Weight</b>	7.9 kDa
<b>Activity</b>	Measuredby its ability to chemoattract CEMNKR human Tlymphoblastoid cells. Howell, D.N.et al. (1985) J. Immunol. 134:971. The ED50 for this effect is typically2 10 ng/mL. Measured by its ability to chemoattract human CCR4 transfected

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BaF3mouse proB cells. The ED50 for this effect is typically 2-8 ng/mL.

**Endotoxin Level** <1.0 EU per 1 µg of the protein by the LAL method.

**Purity** >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

**Reconstitution** Reconstitute at 25 µg/mL in sterile PBS that containing at least 0.1% human or bovine serum albumin.

**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -70°C under sterile conditions after reconstitution.

## GENE INFORMATION

**Gene Name** [Ccl17 chemokine\(C-C motif\) ligand 17 \[ Mus musculus \]](#)

**Official Symbol** [Ccl17](#)

**Synonyms** Ccl17; chemokine(C-C motif) ligand 17; Tarc; Abcd-2; Scya17; Scya17l; small inducible cytokine subfamily A17; CC chemokine ABCD-2; Thymus and activation-regulated chemokine; mCG\_12286

**Gene ID** [20295](#)

**mRNA Refseq** [NM\\_011332](#)

**Protein Refseq** [NP\\_035462](#)

**UniProt ID** [Q9WUZ6](#)

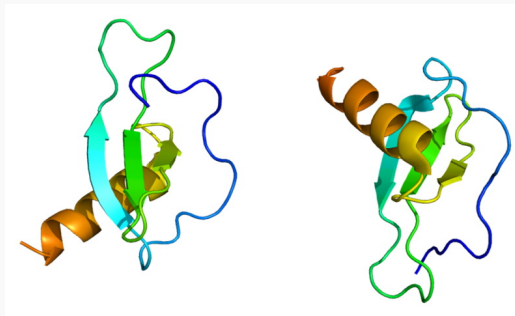
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<b>Chromosome Location</b>	8 C5; 8 45.0 cM
<b>Pathway</b>	Chemokine signaling pathway;Cytokine-cytokine receptor interaction
<b>Function</b>	CCR4 chemokine receptorbinding; chemokine activity; cytokine activity

PDB renderingbased  
on 1nr2.



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