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

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

SPECIFICATION

Product Overview	Recombinant Mouse Ccl17protein was expressed in E. coli. Ala24-Pro93.
Species	Mouse
Source	E.coli
ProteinLength	24-93 a.a.
Description	Human thymus and activationregulatedchemokine (TARC) also known as Ccl17, is a novel CC chemokine identified usinga signal sequence trap method. Mouse Ccl17 was discovered as a dendritic cell(DC) specific gene by differentiation RNA display. Mouse Ccl17 cDNA encodes ahighly 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.
Form	Lyophilized from a 0.2μm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
N-terminalSequence	Ala24
Molecular Weight	7.9 kDa
Activity	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

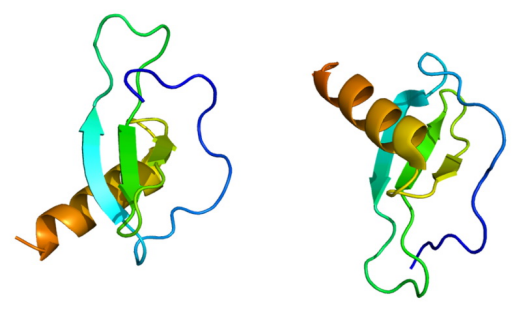
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	BaF3mouse proB cells. The ED50 for this effect is typically 2-8 ng/mL.
Endotoxin Level	<1.0 EUper 1 μg of the protein by the LAL method.
Purity	>97%,by SDS-PAGE under reducing conditions and visualized by silver stain.
Reconstitution	Reconstituteat 25 μg/mL in sterile PBS that containing at least 0.1% human or bovine serumalbumin.
Storage	Use a manualdefrost freezer and avoid repeated freezethaw 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 cytokinesubfamily 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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Chromosome Location	8 C5; 8 45.0 cM
Pathway	Chemokine signaling pathway;Cytokine-cytokine receptor interaction
Function	CCR4 chemokine receptorbinding; chemokine activity; cytokine activity
PDB renderingbased on 1nr2.	

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