

Active Recombinant Mouse Chemokine (C-C motif) Ligand 25

Cat. No. Ccl25-415M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Ccl25 protein was expressed in E. coli. Gln24-Asn144, with an N-terminal Met.
Species	Mouse
Source	E.coli
Protein Length	24-144 a.a.
Description	Ccl25 is a novel CC chemokine that is distantly related (twenty-some% amino acid sequence identity) to other CC chemokines. Mouse Ccl25 cDNA encodes a 144 amino acid residue precursor protein with a 23 amino acid residue signal peptide that is cleaved to yield a 121 residue mature protein.
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
N-terminal Sequence	Met
Molecular Weight	14 kDa
Activity	Measured by its ability to chemoattract human CCR9 transfected BaF3 mouse pro-B cells. The ED50 for this effect is typically 0.1-0.5 µg/mL.
Endotoxin Level	<1.0 EU per 1 µg of the protein by the LAL method.

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Purity	>97%,by SDS-PAGE under reducing conditions and visualized by silver stain.
Reconstitution	Reconstitute at 10µg/mL in sterile PBS that containing at least 0.1% human or bovine serumalbumin.
Storage	Use amannual 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 afterreconstitution.

GENE INFORMATION

Gene Name	Ccl25 chemokine (C-C motif)ligand 25 [<i>Mus musculus</i>]
Official Symbol	Ccl25
Synonyms	Ccl25; chemokine(C-C motif) ligand 25; TECK; CKb15; Scya25; AI852536;A130072A22Rik; OTTMUSP00000025510; OTTMUSP00000025511;OTTMUSP00000025512; OTTMUSP00000025513; C-C motif chemokine 25;thymus-expressed chemokine; small inducible chemokine 25; small induciblecytokine A25
Gene ID	20300
mRNA Refseq	NM_009138
Protein Refseq	NP_033164
UniProt ID	Q3V2F3
Chromosome	8

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Location	
Pathway	Chemokine receptorsbind chemokines; Chemokine signaling pathway; Class A/1 (Rhodesian-likereceptors); signaling pathway; Class A/1 (Rhodesian-like receptors); Cytokine-cytokinereceptor interaction; G alpha (i) signaling events; GPCR downstream signaling;GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signalingby GPCR
Function	CCR10 chemokinereceptor binding; chemokine activity; cytokine activity; protein binding

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