

Recombinant Mouse Chemokine (C-C Motif) Ligand 1

Cat. No. Ccl1-126M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Source	Mammalian Cells
Description	Chemokine (C-C motif) ligand 1 (CCL1) is a small glycoprotein secreted by activated T cells that belongs to a family inflammatory cytokines known as chemokines. CCL1 attracts monocytes, NK cells, and immature B cells and dendritic cells by interacting with a cell surface chemokine receptor called CCR8. CCL1 may play a role in lymphocyte recruitment in bronchial asthma.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Molecular Weight	The predicted molecular weight of Recombinant Mouse CCL1 is Mr 7.8 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 13-16 kDa.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated

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Freeze Thaw Cycles.

GENE INFORMATION

Gene Name	Ccl1 chemokine (C-C motif) ligand 1 [<i>Mus musculus</i>]
Synonyms	chemokine (C-C motif) ligand 1; I-309; Scya1; Tca-3; BF534335; Ccl1; CCR8 ligand; OTTMUSP00000000867; small inducible cytokine A1; CCR8 ligand
Gene ID	20290
mRNA Refseq	NM_011329
Protein Refseq	NP_035459
UniProt ID	P10146
Chromosome Location	11 47.32 cM
Pathway	Chemokine signaling pathway; Cytokine-cytokine receptor interaction
Function	chemokine activity; cytokine activity; protein binding

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