

Active Recombinant Mouse Ccl1 Protein, Fc Tagged

Cat. No. Ccl1-11254M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse CCL1 Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Lys 24-Cys 92 (Accession # P10146). This protein carries a human IgG1 Fc tag at the C-terminus. Predicted N-terminus: Lys 24
Species	Mouse
Source	HEK293
ProteinLength	24-92 aa
Description	Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. CCL1, a member of the CC subfamily, is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine (C-C motif) receptor 8.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human CCR8 Protein (VLP) at 5 µg/mL (100 µL/well) can bind Mouse CCL1 Protein, Fc Tag with a linear range of 0.01-0.078 µg/mL.
Molecular Mass	The protein has a calculated MW of 34.2 kDa. The protein migrates as 40-45 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Purity	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ccl1 chemokine (C-C motif) ligand 1 [Mus musculus (house mouse)]
Official Symbol	Ccl1
Synonyms	CCL1; chemokine (C-C motif) ligand 1; C-C motif chemokine 1; P500; TCA3; CCR8 ligand; SIS-epsilon; T-cell activation protein 3; small inducible cytokine A1; small-inducible cytokine A1; I-309; Scya1; Tca-3; BF534335;
Gene ID	20290
mRNA Refseq	NM_011329
Protein Refseq	NP_035459
UniProt ID	P10146

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