Recombinant Mouse Ccl5 Protein, Myc/DDK-tagged

Cat. No. Ccl5-2040M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chemokine (C-C motif) ligand 5 (Ccl5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. May activate several chemokine receptors including CCR1, CCR3, CCR4 and CCR5. May also be an agonist of the G protein-coupled receptor GPR75. Together with GPR75, may play a role in neuron survival through activation of a downstream signaling pathway involving the PI3, Akt and MAP kinases. By activating GPR75 may also play a role in insulin secretion by islet cells.
Molecular Mass	10.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ccl5 chemokine (C-C motif) ligand 5 [Mus musculus (house mouse)]
Official Symbol	Ccl5
Synonyms	Ccl5; chemokine (C-C motif) ligand 5; S; RA; Scy; MuRa; SISd; Scya5; TCP22; RANTES; TCP228; MuRantes; C-C motif chemokine 5; SIS-delta; T-cell-specific protein RANTES; small-inducible cytokine A5
Gene ID	20304
mRNA Refseq	NM_013653
Protein Refseq	NP_038681
UniProt ID	P30882

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