

## Recombinant Mouse Ccl5 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length chemokine (C-C motif) ligand 5 (Ccl5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	10.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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