

Active Recombinant Mouse Ccl7 Protein

Cat. No. Ccl7-002M **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Purified recombinant protein of Mouse chemokine (C-C motif) ligand 7 (Ccl7) without tag was expressed in E.coli. |
| Species | Mouse |
| Source | E.coli |
| Description | Chemotactic factor that attracts monocytes and eosinophils, but not neutrophils. Augments monocyte anti-tumor activity. |
| Bio-activity | Determined by its ability to chemoattract Balb/C mouse spleen MNCs using a concentration range of 10.0-100.0 ng/ml. |
| Molecular Mass | 8.5 kDa |
| AA Sequence | QPDGPNASTCCYVKKQKIPKRNLKSYRRITSSRCPWEAVIFKTKKGMVCAEAHQK WVEEAIAYLDMKTPTPKP |
| Endotoxin | Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g) |
| Purity | >95%, as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |

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|-----------------------|-----------------------------------------------------------------------------------------|
| Storage | Store at -80 centigrade. |
| Storage Buffer | Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2 |
| Reconstitution | Resuspend the protein in the desired concentration in proper buffer. |

GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name | Ccl7 chemokine (C-C motif) ligand 7 [<i>Mus musculus</i> (house mouse)] |
| Official Symbol | Ccl7 |
| Synonyms | Ccl7; chemokine (C-C motif) ligand 7; fic; marc; mcp3; MCP-3; Scya7; C-C motif chemokine 7; RANTES/sis homolog; intercrine/chemokine MARC; monocyte chemoattractant protein 3; monocyte chemotactic protein 3; small-inducible cytokine A7 |
| Gene ID | 20306 |
| mRNA Refseq | NM_013654 |
| Protein Refseq | NP_038682 |
| UniProt ID | Q03366 |

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