Recombinant Mouse CCL7 Protein

Cat. No. CCL7-32M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CCL7 Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Monocyte chemotactic protein 3 (MCP-3), also called CCL7, is produced by macrophages and tumor cell lines. MCP-3 signals through the G protein-coupled receptors CCR1, CCR2, and CCR3. MCP-3 chemoattracts monocytes and regulates macrophage function during inflammation and metastasis.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 8.5 kDa (74 aa)
AA Sequence	QPDGPNASTCCYVKKQKIPKRNLKSYRRITSSRCPWEAVIFKTKKGMEVCAEAHQK WVEEAIAYLDMKTPTPKP
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	Ccl7 chemokine (C-C motif) ligand 7 [Mus musculus (house mouse)]
Official Symbol	CCL7
Synonyms	CCL7; chemokine (C-C motif) ligand 7; C-C motif chemokine 7; RANTES/sis homolog; intercrine/chemokine MARC; small inducible cytokine A7; small-inducible cytokine A7; monocyte chemotactic protein 3; monocyte chemoattractant protein 3; fic; marc; mcp3; MCP-3; Scya7;
Gene ID	20306
mRNA Refseq	NM_013654
Protein Refseq	NP_038682

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UniProt ID	Q03366

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