Recombinant Human CCL7 Protein, Biotinylated

Cat. No. CCL7-026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant human CCL7 protein was tag free expressed.
Species	Human
ProteinLength	99
Description	This gene encodes monocyte chemotactic protein 3, a secreted chemokine which attracts macrophages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an in vivo substrate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular matrix. This gene is part of a cluster of C-C chemokine family members on chromosome 17q.
Form	Lyophilized
AA Sequence	MKASAALLCLLLTAAAFSPQGLAQPVGINTSTTCCYRFINKKIPKQRLESYRRTTSSH CPREAVIFKTKLDKEICADPTQKWVQDFMKHLDKKTQTPKL
Purity	> 97%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

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Storage	At -20 centigrade.
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered and lyophilized.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CCL7 chemokine (C-C motif) ligand 7 [Homo sapiens (human)]
Official Symbol	CCL7
Synonyms	CCL7; chemokine (C-C motif) ligand 7; SCYA6, SCYA7, small inducible cytokine A7 (monocyte chemotactic protein 3); C-C motif chemokine 7; FIC; MARC; MCP 3; MCP3; monocyte chemoattractant protein 3; monocyte chemotactic protein 3; NC28; small-inducible cytokine A7; small inducible cytokine A7 (monocyte chemotactic protein 3); MCP-3; SCYA6; SCYA7; MGC138463; MGC138465;
Gene ID	6354
mRNA Refseq	NM_006273
Protein Refseq	NP_006264
MIM	158106

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UniProt ID	P80098

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