

# Recombinant Human CCL7 Protein, Mature chain, Tag Free, Biotinylated

**Cat. No.** CCL7-176H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human MCP-3 (CCL7) protein was developed from E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Mature chain
<b>Description</b>	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.
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilised
<b>Endotoxin</b>	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
<b>Notes</b>	FOR RESEARCH USE ONLY (RUO).
<b>Storage</b>	The lyophilized protein is stable for at least 1 year from date of receipt at -20

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centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at -20 centigrade for six months, with a carrier protein without detectable loss

**Storage Buffer** Lyophilised from 0.2 µm filtered PB solution, pH 7.5, NaCl.

**Reconstitution** Upon receipt a quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** CCL7 C-C motif chemokine ligand 7 [ Homo sapiens (human) ]

**Official Symbol** CCL7

**Synonyms** CCL7; C-C motif chemokine ligand 7; FIC; MARC; MCP3; NC28; MCP-3; SCYA6; SCYA7; C-C motif chemokine 7; chemokine (C-C motif) ligand 7; monocyte chemoattractant protein 3; monocyte chemotactic protein 3; small inducible cytokine A7 (monocyte chemotactic protein 3); small-inducible cytokine A7

**Gene ID** 6354

**mRNA Refseq** NM\_006273

**Protein Refseq** NP\_006264

**MIM** 158106

**UniProt ID** P80098

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