Active Recombinant Human Chemokine (C-C Motif) Ligand 7, HIgG1 Fc-tagged

Cat. No. CCL7-385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CCL7 (AAI12259.1)(Gln24-Leu99) is fused to the N-terminus of the Fc region of human IgG1was expressed in CHO cell
Species	Human
Source	CHO
ProteinLength	24-99 a.a.
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 from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to chemoattract 2-day cultured human monocytes.
Molecular Mass	35KDa (monomer)
AA Sequence	Gln24-Leu99

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	CCL7 chemokine (C-C motif) ligand 7 [Homo sapiens]
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
Chromosome Location	17q11.2-q12
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; GPCR ligand binding, organism-specific biosystem;
Function	CCR1 chemokine receptor binding; chemokine activity; heparin binding;

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