

Active GMP Recombinant Human CCL2 protein

Cat. No. CCL2-0621HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CCL2 protein(NP_002973.1)(82 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human MCP-1(NP_002973.1) was expressed with His tag at the C-terminal.
Bio-activity	Use a concentration range of 10.0-100.0 ng/ml to determine its chemotactic ability to human monocytes.
Molecular Mass	Recombinant Human MCP-1(CCL2) contains 82 aa. It has a predicted MW of 9.5 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CCL2 chemokine (C-C motif) ligand 2 [Homo sapiens]
Official Symbol	CCL2
Synonyms	GDCF-2; HC11; HSMCR30; MCAF; MCP-1; MCP1; SCYA2; CMC-CF
Gene ID	6347
mRNA Refseq	NM_002982
Protein Refseq	NP_002973
MIM	158105
UniProt ID	P13500

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