

## Product datasheet for **TP727469**

### **MCP1 (CCL2) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human C-C Motif Chemokine 2/CCL2/MCP-1
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Gln24-Thr99
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Note:</b>	Recombinant Human C-C Motif Chemokine 2 is produced by our E.coli expression system and the target gene encoding Gln24-Thr99 is expressed.
<b>Stability:</b>	12 months from date of despatch
<b>Locus ID:</b>	6347
<b>UniProt ID:</b>	<a href="#">P13500</a>
<b>Summary:</b>	The chemokine (C-C motif) ligand 2 (CCL2), also known as monocyte chemoattractant protein (MCP)-1 and small inducible cytokine A2 (SCYA2)), is a small cytokine that belongs to the CC chemokine family responsible for monocyte attraction. Its cognate receptor, CCR2, play a critical role in regulating nociceptive processes during neuropathic pain. Both CCL2 and CCR2 are implicated in induction of autoimmunity. CCL2 recruits monocytes, memory T cells, and dendritic cells to the sites of inflammation produced by either tissue injury or infection. Recently research also showed that CCL2 might be useful as a biomarker of fibrosis as well as a target for therapeutic intervention.



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