

32-8744: Recombinant Human C-C Motif Chemokine 2/CCL2/MCP-1

Gene : CCL2
Gene ID : 6347
Uniprot ID : P13500

Description

Source: E.coli.
MW :8.7kD.

Recombinant Human C-C Motif Chemokine 2 is produced by our E.coli expression system and the target gene encoding Gln24-Thr99 is expressed. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QPDAINAPVTCCYNFTNRKISVQRLASYRRITSSKCPKEAVIFKTIVAKEICADPKQKWWQDSMDHLDKQTQTPK
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Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.