

AR50898PU-N**Mouse MCP1 / CCL2 (24-148, His-tag) - Purified**

Alternate names:	C-C motif chemokine 2, HC-11, HC11, MCAF, MCP-1, Monocyte chemoattractant protein 1, Monocyte chemotactic and activating factor, Monocyte chemotactic protein 1, Monocyte secretory protein JE, SCYA2, Small-inducible cytokine A2
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	Chemokine (C-C motif) ligand 2 (CCL2) is a small cytokine belonging to the CC chemokine family that is also known as monocyte chemotactic protein-1 (MCP-1). CCL2 recruits monocytes, memory T cells, and dendritic cells to sites of tissue injury and infection. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4.
Uniprot ID:	P10148
NCBI:	NP_035463
GenelD:	20296
Species:	Mouse
Source:	E. coli
Format:	Purity: >90% by SDS - PAGE Buffer System: Liquid. In PBS (pH 7.4) containing 10% glycerol.
Description:	Recombinant mouse CCL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MQPDVAPL TCCYSFTSKM IPMSRLESYK RITSSRCPE AVVFVTKLKR EVCADPKKEW VQTYIKNLDR NQMRSEPTTL FKTASALRSS APLNVKLTRK SEANASTTFS TTSSTSVGV TSVTVN Molecular weight: 16 kDa (146aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Foresti ML, Arisi GM, et al. (2009). J Neuroinflammation. 6:40. Semple BD, Bye N, et al. (2010). J Cereb Blood Flow Metab. 30(4):769-82.

Pictures:

