

Product datasheet for **AR50898PU-S**

MCP1 / CCL2 (24-148, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MCP1 / CCL2 (24-148, His-tag) mouse recombinant protein, 50 µg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MQPDAVNAPL TCCYSFTSKM IPMSRLESYK RITSSRCPKE AVVFVTKLKR EVCADPKKEW VQTYIKNLDR NQMRSEPTTL FKTASALRSS APLNVKLTRK SEANASTTFS TTSSTSVGV TSVTVN
Tag:	His-tag
Predicted MW:	16 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified Buffer System: Liquid. In PBS (pH 7.4) containing 10% glycerol.
Protein Description:	Recombinant mouse CCL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_035463
Locus ID:	20296
UniProt ID:	P10148
Cytogenetics:	11 49.82 cM
Synonyms:	C-C motif chemokine 2, SCYA2, MCAF, Small-inducible cytokine A2, MCP-1, HC11, HC-11



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Summary:

This gene is one of several cytokine genes clustered on chromosome 11. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. This cytokine displays chemotactic activity for monocytes and memory T cells but not for neutrophils. The human ortholog has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, such as psoriasis, rheumatoid arthritis, and atherosclerosis. [provided by RefSeq, Sep 2015]

Product images: