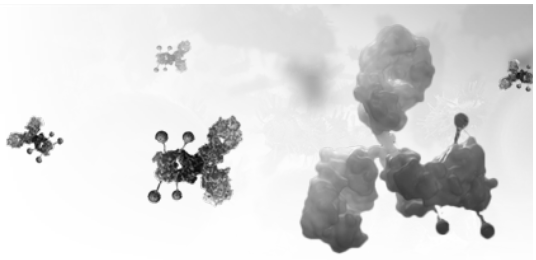

Mouse Active MCP1 (full length) (DAG-P0837)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Chemotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils. Augments monocyte anti-tumor activity. Has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.
Species	Mouse
Conjugate	Unconjugated
Applications	FuncS, SDS-PAGE
Sequence Similarities	Belongs to the intercrine beta (chemokine CC) family.
Format	Lyophilised
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution.

GENE INFORMATION

Gene Name	Ccl2 chemokine (C-C motif) ligand 2 [Mus musculus (house mouse)]
Official Symbol	CCL2
Synonyms	CCL2; chemokine (C-C motif) ligand 2; JE; HC11; MCAF; MCP1; MCP-1; Scya2; Sigje; SMC-CF; AI323594; C-C motif chemokine 2; small inducible cytokine A2; small-inducible cytokine A2; monocyte chemotactic protein 1; monocyte chemoattractant protein 1; monocyte

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved

	chemoattractant protein-1; platelet-derived growth factor-inducible protein JE;
Entrez Gene ID	20296
mRNA Refseq	NM_011333.3
Protein Refseq	NP_035463.1
UniProt ID	P10148
Chromosome Location	11 C-E1; 11 49.82 cM
Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simple
Function	CCR2 chemokine receptor binding; CCR2 chemokine receptor binding; G-protein coupled receptor binding; chemokine activity; cytokine activity; heparin binding; protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved