

Product datasheet for **TP723257**

Ccl2 (NM_011333) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 2 (Ccl2).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	QPDAVNAPLT CCYSFTSKMI PMSRLESYKR ITSSRCPKEA WVFVTKLKRE VCADPKKEWV QTYIKNLDRN QMRSEPTTLF KTASALRSSA PLNVKLTRKS EANASTTFST TTSSTSVGVT SVTVN
Tag:	Tag Free
Predicted MW:	13.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract Balb/C mouse spleen MNCs using a concentration range of 1.0-20.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_035463
Locus ID:	20296
UniProt ID:	P10148
RefSeq Size:	806
Cytogenetics:	11 49.82 cM
RefSeq ORF:	444
Synonyms:	AI323594; HC11; JE; MCA; MCAF; MCP; MCP-; MCP-1; MCP1; Scy; Scya2; Sig; Sigje; SMC-C; SMC-CF



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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: