

## Product datasheet for **SC205217**

### **MCP1 (CCL2) (NM\_002982) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MCP1 (CCL2) (NM\_002982) Human 3' UTR Clone  
**Symbol:** MCP1  
**Synonyms:** GDGF-2; HC11; HSMCR30; MCAF; MCP-1; MCP1; SCYA2; SMC-CF  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_002982  
**Insert Size:** 394 bp  
**Insert Sequence:** >SC205217 3' UTR clone of NM\_002982  
The sequence shown below is from the reference sequence of NM\_002982. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

ACCTGGACAAGCAAACCCAACTCCGAAGACTTGAACACTCACTCCACAACCAAGAATCTGCAGCTAAC  
TTATTTTCCCCTAGCTTTCCCAGACACCCTGTTTTATTTTATTATAATGAATTTGTTTGTGATGTGA  
AACATTATGCCTTAAGTAATGTTAATTCTTATTTAAGTTATTGATGTTTTAAGTTTATCTTTCATGGTAC  
TAGTGTTTTTAGATACAGAGACTTGGGAAATTGCTTTTCTCTTGAACCACAGTTCTACCCTGGGAT  
GTTTTGAGGGTCTTTCGAAGAATCATTAAATACAAAGAATTTTTTTAACATTCCAATGCATTGCTAAAAT  
ATTATTGTGGAATGAATATTTGTAACTATTACACCAATAAA

ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCG

**Restriction Sites:** SgfI-MluI  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).  
**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM\\_002982.3](#)

**Summary:** This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. 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 basophils but not for neutrophils or eosinophils. 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. Elevated expression of the encoded protein is associated with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection. [provided by RefSeq, Aug 2020]

Locus ID: 6347