

Product datasheet for **SC204127**

GM CSF (CSF2) (NM_000758) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GM CSF (CSF2) (NM_000758) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CSF2
Synonyms: CSF; GMCSF
ACCN: NM_000758
Insert Size: 348 bp
Insert Sequence: >SC204127 3'UTR clone of NM_000758
The sequence shown below is from the reference sequence of NM_000758. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTGACTGCTGGGAGCCAGTCCAGGAGTGA GACCGGCCAGATGAGGCTGGCCAAGCCGGGGAGCTGCTC
TTCATGAAACAAGAGCTAGAAACTCAGGATGGTCATCTTGGAGGGACCAAGGGTGGGCCACAGCCAT
GGTGGGAGTGGCCTGGACCTGCCCTGGGCCACACTGACCCTGATACAGGCATGGCAGAAGAATGGGAAT
ATTTTATACTGACAGAAATCAGTAATATTTATATATTTATATTTTTAAAAATTTTATTTATTTATTTAT
TTAAGTTCATATTCATATTTATTCAAGATGTTTTACCGTAATAATTATTATTAATAATATGCTTCTAC
TTG
ACGCGT AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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.

RefSeq: [NM_000758.4](#)



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Summary:

The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. This gene plays a role in promoting tissue inflammation. Elevated levels of cytokines, including the one produced by this gene, have been detected in SARS-CoV-2 infected patients that develop acute respiratory distress syndrome. Mice deficient in this gene or its receptor develop pulmonary alveolar proteinosis. [provided by RefSeq, Aug 2020]

Locus ID:

1437

MW:

13.4