

Product datasheet for RC213103L1V

OriGene Technologies, Inc.

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M-CSF (CSF1) (NM_172210) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: M-CSF (CSF1) (NM_172210) Human Tagged ORF Clone Lentiviral Particle

Symbol: M-CSF

Synonyms: CSF-1; MCSF

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_172210

 ORF Size:
 1314 bp

ORF Nucleotide

151166

Sequence:

The ORF insert of this clone is exactly the same as(RC213103).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This

naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 172210.1

 RefSeq Size:
 1519 bp

 RefSeq ORF:
 1317 bp

 Locus ID:
 1435

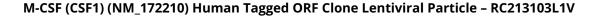
 UniProt ID:
 P09603

Cytogenetics: 1p13.3

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Hematopoietic cell lineage





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MW: 47.7 kDa

Gene Summary:

The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. The encoded protein may be involved in development of the placenta. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]