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Product datasheet for RC217104L3V

M-CSF (CSF1) (NM_000757) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	M-CSF (CSF1) (NM_000757) Human Tagged ORF Clone Lentiviral Particle
Symbol:	M-CSF
Synonyms:	CSF-1; MCSF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000757
ORF Size:	1662 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217104).
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 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.
RefSeq:	NM_000757.3, NP_000748.3
RefSeq Size:	4249 bp
RefSeq ORF:	1665 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: 60.1 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]

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