

Product datasheet for **SC209962**

MCSF Receptor (CSF1R) (NM_005211) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MCSF Receptor (CSF1R) (NM_005211) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CSF1R
Synonyms:	BANDDOS; C-FMS; CD115; CSF-1R; CSFR; FIM2; FMS; HDLS; M-CSF-R
ACCN:	NM_005211
Insert Size:	804 bp
Insert Sequence:	>SC209962 3'UTR clone of NM_005211 The sequence shown below is from the reference sequence of NM_005211. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCAGCCCAACAACATCAGTTCTGCTGAGGAGTTGACGACAGGGAGTACCACTCTCCCCTCCACAA
ACTTCACTCCTCCATGGATGGGGCGACACGGGAGAACATACAACCTGCCTTCGGTCATTTCACTC
AACAGCTCGGCCAGCTCTGAAACTTGGGAAGGTGAGGGATTGAGGGAGGTCAGAGGATCCCCTTCC
TGAGCATGGGCCATCACTGCCAGTCAGGGGCTGGGGGCTGAGCCCTCACCCCCCTCCCCTACTGTTC
TCATGGTGTGGCCTCGTGTGCTATGCCAACTAGTAGAACCTTCTTTCCTAATCCCCTTATCTTCAT
GGAAATGGACTGACTTTATGCCTATGAAGTCCCCAGGAGCTACACTGATACTGAGAAAACCGGCTCTT
TGGGGCTAGACAGACTGGCAGAGAGTGAGATCTCCCTCTCTGAGAGGAGCAGCAGATGCTCACAGACCA
CACTCAGCTCAGGCCCTTGGAGCAGGATGGCTCCTCTAAGAATCTCACAGGACCTTTAGTCTCTGCC
CTATACGCCGCTTCACTCCACAGCCTCACCCCTCCCACCCCACTGGTACTGCTGTAATGAGCCAA
GTGGCAGCTAAAAGTTGGGGTGTCTGCCAGTCCCGTCATTCTGGGCTAGAAGGCAGGGGACCTTGG
CATGTGGCTGGCCACCAAGCAGGAAGCACAACCTCCCCAAGCTGACTCATCCTAACTAACAGTCAC
GCCGTGGGATGTCTGTGCCACATTAACTAACAGCATTAAATGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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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).



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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_005211.4
Summary:	The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. Alternative splicing results in multiple transcript variants. Expression of a splice variant from an LTR promoter has been found in Hodgkin lymphoma (HL), HL cell lines and anaplastic large cell lymphoma. [provided by RefSeq, Mar 2017]
Locus ID:	1436
MW:	29.2