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Product datasheet for SC217180

MSF (SEPT9) (NM_001113496) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MSF (SEPT9) (NM_001113496) Human 3' UTR Clone
Symbol:	MSF
Synonyms:	AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001113496
Insert Size:	1965 bp

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Insert Sequence:

>SC217180 3'UTR clone of NM_001113496
The sequence shown below is from the reference sequence of NM_001113496. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGAAGGAGCCAGAAGCCCCGGAGATGTAGACGCCACCCTGCCCACCCCCGGGATCCTGCCCCCAAGTC
ATTTCCGTCCCCCCCCAGGCCCTCCCACCACCCCATTTTATTTTATATGATTTTCTCCATTTGTCATCG
TTCCCCACCCCTTCGACATGCTGCCAGGAAACAAGGGAAGGGGCCTCCCTCCGAGTGAGTCAGTGATGA
GGCCGCGGCCTCCCCGAGGTTGTGGGGAGGCTGCACTGGAGCCACAGGCAGGGGTGAGAGCACCCACTG
AATTGACATGACCCTCTGTCCCCAGGCCTGGCTCCCCGAGGGCTCAGAAGAGCAGCTTCGGTGTGCAGA
TCATCCGTCTGTGTGGGGTTCTCAGTGCCGGAGGCCTTGGGGTGGGGGCCAGGCCTCGCACTTGCAGAG
GAGCCCAGTGGGCTGCACGCTCCCCTCCATCCCCATCGGCCCTGTCCCCTGGAGTGTGTCAGAGCCCAG
GGGAGAATGCAGCCCACCAGGAGCACCTGGACCCCCTGCCCGCCACATGGTGTGGCCATCACTCAGCCC
CTACCCCTGCCCTGCTCCTAAGGGTAGAAAACTCCAGGGTCCCCTGCCACCGACTGCCCAGCCACTCCA
AGCCCCCTGGCAGCTGCCCCTCCTGGAGCAGAAAGTGCCTTTATCTCAGCCATCCGCAGACTGCTTGGC
CAGATGCGGGGACAGGCTGGAATGAGGGAGGCGTCTTCATCTCCCTGCCATCCCCCTCTCACGCCACCC
CCGCCCCCACCGGGCTGCAGGTGCTGCTGATGCGCTGGGATCTGATTGAGGATAAAAAGGAAGGAGAGA
TGACCCCTACCCCCTCATCCCCCAGTTTTGAAAAGGTCTAAGCAAGTGAGTCTGGTGGAGGAGCTGAGG
GAGGGAGCCATGGAAGGTGCCAGAAGGAAGGTTGGCGGGGGCACGTGTGGGCCGTGGCTTGGGCTGGTC
AGAGTGGCGTGAGCTGCCCGGCGCCTGCCCTGCCCAAGTGACCAGGGAAGTGTGTGTGTGTCCATGTGT
ATGCGTGTCCGTCTGTCTGTCTAGTGTCTGGGTTTGGCCCAAGACTGGGCTGTAGTTACATTAATGCCC
AGCCAGCCACCCCTGCCACTCACCCTTCCTGGCCCAGGCCTTGCTGACTCTCTGAGCTGGGGAGGTGGG
AGGCCAGGCGAGCCTGACTCTGTTGATCTACCCGTGCCTGGGCCCCTCCCCTCAGAGCCCATGGTAACG
AACCCCTAGAAAGGAGAGAACGGGCGTCAGGGGTGCACAGTCCACAGCTGAAGAGCAAGGTTTCGTGGC
AGCACGGCCCGGCCCCTCACCCTCTGTCCCCACGAGGGGACCCATGGGGGCTGTCTTTGCAGGGCACAG
ATGACCAAAGTCCCTTCCTGCTTCCTGTTACCTGTCTTGCTCCTGGGGAGAAAGAGGGGCCTGATGAGA
CTCCACTCAGGTGCACACATCACCAGGTGCATCTGCAGGCACCGGGCTGGCTGCTTGCAGCCAGGAGAA
GGTCAGCGAGAAGGAGTGTATGAGTGTGAGTGTGTGTGCATGGAAGTTGGGGCACTGGGCGTCTGACTC
CCTCCCCACCCAAGAGAGGAAGGACCCCTCACCACCCCCACTGGTGAGACAGTTTACTTTGCCAACTTG
CCATGTTTTTGCCAAAACCAAGATTTTGAAGGAAATGAGTGGCCAGCGCCAGGGCCCAGGCCATGTGGC
CTGCCCAGCCTCAATGTCACTTGGTGGCGGGGTGGGGTGGGGGTGGGCAGCAGCATCCCAGCCTTGAGA
TGCTTCACTTTCCTTCTCTGTAACCAGACTTTGAAAAATTGTTCGTTTCATCAGGCTCTGTTCCTCAAT
GGCCTTTTGCTACGTGCCTCCCGAGAAATTTGTCTTTTTGTATAAATGACAAAGTGTTGAAAATGTATT
TCCTGAAATAAATGTTTCAAATGCAGAAACCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_001113496.2

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Summary:	This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Mar 2009]
Locus ID:	10801
MW:	70.3

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