

Product datasheet for **RC237524**

MSF (SEPT9) (NM_001293697) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MSF (SEPT9) (NM_001293697) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MSF
Synonyms: AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC237524 representing NM_001293697
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGACACCCAGAGATGCCGGGCTCAAGCAGGCGCTGCATCACGGAACGAGAAGGCCCGGTGG
ACTTCGGCTACGTGGGATTGACTCCATCTGGAGCAGATGCGCCGGAAGGCCATGAAGCAGGGCTCGA
GTTCAACATCATGGTGGTCGGGCAGAGCGGCTTGGGTAATCCACCTTAATCAACACCCTTTCAAATCC
AAAATCAGCCGGAAGTCGGTGCAGCCACCTCAGAGGAGCGCATCCCCAAGACCATCGAGATCAAGTCCA
TCACGCACGATATTGAGGAGAAAGCGTCCGGATGAAGCTGACAGTGATTGACACACCAGGGTTCGGGGA
CCACATCAACAACGAGAAGTCTGGCAGCCATCATGAAGTTCATCAATGACCAGTACGAGAAATACCTG
CAGGAGGAGGTCAACATCAACCGCAAGAAGCGCATCCCGACACCCGCTCCACTGCTGCCTCTACTTCA
TCCCCGCCACCGCCACTCCCTCAGGCCCTGGACATCGAGTTTATGAAACGCCTGAGCAAGGTGGTCAA
CATCGTCCCTGTTCATCGCCAAGGCGGACACTCACCTGGAGGAGAGGGTCCACTTCAAACAGCGGATC
ACCGCAGACCTGCTGTCCAACGGCATCGACGTGTACCCCAAGGAATTTGATGAGGACTCGGAGGACC
GGCTGGTGAACGAGAAGTCCGGGAGATGATCCATTTGCTGTGGTGGCAGTGACCACGAGTACCAGGT
CAACGGCAAGAGGATCCTTGGGAGGAAGACCAAGTGGGTACCATCGAAGTTGAAAACACCACACTGT
GAGTTTGCCTACCTGCGGACCTTCTCATCAGGACGCACATGCAGAACATCAAGGACATCACCAGCAGCA
TCCACTTCGAGGCGTACCGTGTGAAGCGCTCAACGAGGCGAGCAGCCCATGGCCAACGGCATGGAGGA
GAAGGAGCCAGAAGCCCCGGAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001293697.2](#)

RefSeq Size: 3275 bp

RefSeq ORF: 1008 bp

Locus ID: 10801

UniProt ID: [Q9UHD8](#)

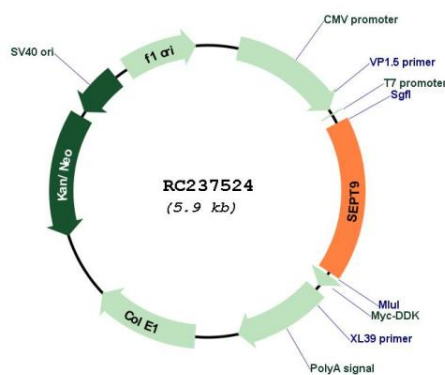
Cytogenetics: 17q25.3

Protein Families: Druggable Genome

MW: 38.5 kDa

Gene 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]

Product images:



Circular map for RC237524