

## Product datasheet for **RC225490A1V**

### Human MSF (SEPT9) (NM\_001113496) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human MSF (SEPT9) (NM_001113496) AAV Particle                                  |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | MSF                                                                            |
| Synonyms:                 | AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1                         |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC225490 representing NM_001113496<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCCGACACCCCGAGAGATGCCGGGCTCAAGCAGGCGCCTGCATCACGGAACGAGAAGGCCCGGTGG  
ACTTCGGCTACGTGGGGATTGACTCCATCCTGGAGCAGATGCGCCGGAAGGCCATGAAGCAGGGCTTCGA  
GTTCAACATCATGGTGGTCGGGCAGAGCGGCTTGGGTAAATCCACCTTAATCAACACCCCTCTTCAATCC  
AAAATCAGCCGGAAGTCGGTGCAGCCACCTCAGAGGAGCGCATCCCCAAGACCATCGAGATCAAGTCCA  
TCACGCACGATATTGAGGAGAAAGGCGTCCGGATGAAGCTGACAGTGATTGACACACCAGGGTTCGGGGA  
CCACATCAACAACGAGAAGTCTGTCAGGCCATCATGAAGTTCATCAATGACCAGTACGAGAAATACCTG  
CAGGAGGAGGTCAACATCAACCGCAAGAAGCGCATCCCGGACACCCGCGTCCACTGCTGCCTCTACTTCA  
TCCCCGCCACCGGCACTCCCTCAGGCCCTGGACATCGAGTTTATGAAACGCCTGAGCAAGGTGGTCAA  
CATCGTCCCTGTATCGCCAAGGCGGACACACTCACCTGGAGGAGAGGGTCCACTTCAAACAGCGGATC  
ACCGCAGACCTGCTGTCAACGGCATCGACGTGTACCCCGAGAAGGAATTTGATGAGGACTCGGAGGACC  
GGCTGGTGAACGAGAAGTTCGGGAGATGATCCCATTTGCTGTGGTGGCAGTGACCACGAGTACCAGGT  
CAACGGCAAGAGGATCCTTGGGAGGAAGACCAAGTGGGTACCATCGAAGTTGAAACACCACACACTGT  
GAGTTTGCCTACCTGCGGGACCTTCTCATCAGGACGCACATGCAGAACATCAAGGACATCACCAGCAGCA  
TCCACTTCGAGGCGTACCGTGTGAAGCGCTCAACGAGGCGAGCAGCCATGGCCAACGGCATGGAGGA  
GAAGGAGCCAGAAGCCCCGAGATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC225490 representing NM_001113496</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MADTPRDAGLKQAPASRNEKAPVDFGYVGIDSIQMRKAMKQGFEFNMVVGQSGLGKSTLINTLFKS<br/>KISRKSVQPTSEERIPKTIEIKSITHDIEEKGVRLKLTVIDTPGFGDHNNENCWQPIIMKFINDQYEKYL<br/>QEEVNINRKKRIPDTRVHCCLYFIPATGHSLRPLDIEFMKRLSKVVNIYPVIAKADTLTLEERVHFKQRI<br/>TADLLSNGIDVYPQKEFDEDESDRLVNEKFREMIPFAVVGSDHEYQVNGKRILGRKTKWGTIEVENTTHC<br/>EFAYLRDLLIRTHMQNIKDITSSIHFEAYRVKRLNEGSSAMANGMEEKEPEAPEM</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ACCN:</b>             | NM_001113496                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ORF Size:</b>         | 1005 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stability:</b>        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                       |
| <b>RefSeq:</b>           | <u>NM_001113496.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq ORF:</b>       | 1008 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>         | 10801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>       | <u>Q9UHD8</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>     | 17q25.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>               | 38.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |