

Product datasheet for **RC200264A1V**

Human MSF (SEPT9) (NM_006640) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MSF (SEPT9) (NM_006640) AAV Particle
Tag:	Myc-DDK
Symbol:	SEPT9
Synonyms:	AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200264 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGAGGGACCGGATCTCAGCCTTGAAAAGATCTTTTGAGGTCGAGGAGGTCGAGACACCCAATCCA
 CCCCACCCGGAGGGTCCAGACTCCCTACTCCGAGCCACTGTGGCCAGCTCCACCCAGAAATCCAGGA
 CCTGGGCGTGAAGAACTCAGAACCCTCGGCCCGCCATGTGGAATCCCTAAGCCAACGCTCCCCAAGGCG
 TCCCTGCGGAGGGTGGAGCTCTCGGGCCCCAAGCGGCCGAGCCGGTGTCCCGGCGCACTGAGCTGTCCA
 TTGACATCTCGTCCAAGCAGGTGGAGAACGCCGGGCCATCGGCCGTCGCGTTCGGGCTCAAGAGGGC
 CGAGGTGTTGGGCCACAAGACGCCAGAACCAGGCCCTCGGAGGACGGAGATCACCATCGTCAAACCCAG
 GAGTCAGCCACCGGAGGATGGAGCCCCCTGCCTCCAAGGTCCCGAGGTGCCACTGCCCTGCCACCG
 ACGCAGCCCCAAGAGGGTGGAGATCCAGATGCCCAAGCTGCTGAGGCGCCACCGCCCCAGCCAGC
 CCAGACCTTGGAGAATTCAGAGCCTGCCCTGTGTCTCAGCTGCAGAGCAGGCTGGAGCCCAAGCCAG
 CCCCCTGTGGCTGAGGCTACACCCGGAGCCAGGAGGCCACTGAGGCGGCTCCCACTGCGTTGGCGACA
 TGGCCGACACCCAGAGATGCCGGGCTCAAGCAGGCGCTGCATCACGAACGAGAAGGCCCGGTGGA
 CTTGCGCTACGTGGGATTGACTCCATCCTGGAGCAGATGCGCCGGAAGGCCATGAAGCAGGGCTTCGAG
 TTCAACATCATGGTGGTGGGCAGAGCGGCTTGGGTAATCCACCTTAATCAACACCCTCTCAAATCCA
 AAATCAGCCGGAAGTCGGTGCAGCCACCTCAGAGGAGCGCATCCCCAAGACCATCGAGATCAAGTCCAT
 CACGCACGATATTGAGGAGAAAGGCGTCCGGATGAAGCTGACAGTGATTGACACACCAGGGTTCGGGGAC
 CACATCAACAACGAGAACTGCTGGCAGCCATCATGAAGTTCATCAATGACCAGTACGAGAAATACCTGC
 AGGAGGAGGTCAACATCAACGCAAGAAGCGCATCCCGGACACCGCGTCCACTGCTGCCTCTACTTCAT
 CCCCAGCCACCGGCCACTCCCTCAGGCCCTGGACATCGAGTTTATGAAACGCCTGAGCAAGGTGGTCAAC
 ATCGTCCCTGTCTCGCAAGGCGGACACACTACCCTGGAGGAGAGGGTCCACTTAAACAGCGGATCA
 CCGCAGACCTGCTGTCAACGGCATCGACGTGTACCCCAAGAAGGAATTTGATGAGGACTCGGAGGACCG
 GCTGGTGAACGAGAAGTTCGGGAGATGATCCATTTGCTGTGGTGGCAGTGACCACGAGTACCAGGTC
 AACGGCAAGAGGATCCTTGGGAGGAAGACCAAGTGGGGTACCATCGAAGTTGAAAACACCACACTGTG
 AGTTTGCTACCTGCGGACCTTCTCATCAGGACGCACATGCAGAACATCAAGGACATCACCAGCAGCAT
 CCACTTCGAGGCGTACCGTGTGAAGCGCTCAACGAGGCGAGCAGCGCCATGGCCAACGGCGTGGAGGAG
 AAGGAGCCAGAAGCCCCGAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200264 protein sequence
 Red=Cloning site Green=Tags(s)

MERDRISALKRSFEVEEVETPNSTPPRRVQTPLLRTVASSTQKFQDLGVKNSEPSARHVDLSQRSPKA
 SLRRVELSGPKAAEPVSRRELSIDISSKQVENAGAIGPSRFLKRAEVLGHKTPEPAPRREITIVKPKQ
 ESAHRRMEPPASKVPEVPTAPATDAAPKRVEIQMPKPAEAPTAPSPAQTLNSEPAPVSLQSRLEPKPKQ
 PPVAEATPRSQEATEAAPSCVGMADTPRDAGLKQAPASRNEKAPVDFGYVGIDSILEQMRRKAMKQGF
 FNIMVVGQSLGKSTLINTLFSKISRKSVQPTSEERIPKTIEIKSITHDIEEKGVKMLTVIDTPGFGD
 HINNENCWQPIMKFINDQYEKYLQEEVNINRKRIPDTRVHCLYFIPATGHSRLPLDIEFMKRLSKVVN
 IVPVIAKADTLLEERVHFKQRITADLLSNGIDVYPQKEFDESEDRLVNEKFREMIPFVVGSDHEYQV
 NGKRILGRKTKWGTIEVENTHCEFAYLRDLLIRTHMQNIKDITSSIHFEAYRVKRLNEGSSAMANGVEE
 KEPEAPEM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006640
ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F5032
Stability:	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.
RefSeq:	<u>NM_006640.3, NP_006631.1</u>
RefSeq Size:	4469 bp
RefSeq ORF:	1707 bp
Locus ID:	10801
UniProt ID:	<u>Q9UHD8</u>
Cytogenetics:	17q25.3
MW:	63.6 kDa