

Product datasheet for **MR221711A1V**

Mouse Nsmf (NM_001039386) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nsmf (NM_001039386) AAV Particle
Tag:	Myc-DDK
Symbol:	Nsmf
Synonyms:	Jacob; Nelf
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR221711 representing NM_001039386
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGTGCCGCCCTCCAGGAGAGGGCGCTGAGGAGCGAGGCCATGTCTCGGTAGCGCCAAAGTAA
 GAGCAGCCCGAGCGTTTGGAGAGTACCTGTCCCAGAGTACCCTGAGAACCGCAACGGTGCAGACCCT
 GCTGGCTGACGCCTACTCTGGCCACGACGGGTCCCAGAGATGCAACCTGCACCCAGAACAAGCGCCG
 CTCTCCCTCGTCTCCAATGGCCGATATGAGGGCAGCATCTCAGATGAGGCAGTCAGCGGGAAGCCGGCTA
 TAGAGGGCCCCAGCCCACGTGTACCCATCTCTAGAGAGCCCGCCCTGCTACCTGGCTCTGAAGCTGA
 AGCCATTGAGCTAGCAGTGGTAAAAGGGAGGAGACAGCGGGAACGGCACCCCTCACCACCAGCCAGCCC
 CTGCGTGCCAGCCAGGCAGCAGCCGGGAGGACATCAGCAGGCCCTGCCAAAGCTGGCAGGAAGCCGCC
 AGGGCTCAAAGAGTGCCAGGATGTGCCAGCTGGTCCCTGGTCCCTTCTCGGGCCTTTGGGCTGGA
 GCAGCCACCTCTACCTGAGGCTCCTGGCCGCCACAAGAAGCTGAAAAGGATGTATAGCGTTGATGGAGTG
 TCTGATGATGTCCCATCCGTACCTGGTTCCTCAAGGAAAACCTTTTCAGCTTCCAGACGGCAACCACAA
 CTATGCAAGCCATCTCGGTATTCAGGGCTACGCGGAGAGGAAGCGTCGAAAACGGGAGAAATGATTCCGC
 GTCTGTAATCCAGAGGAACCTCCGCAAAACCTGCGCATGGTTGGCAGTCGGCGGGTGAAGGCCAGACG
 TTCGCTGAGCGTCGCGAACGGAGCTTACGCCGGTCTGGAGCGACCCACCCCTATGAAAGCCGACACTT
 CCCAGACTCCCGAGACAGCAGTGACCTACAGAGCTCACACTGCACCCCTGGATGAGGCTTGTGAGGACCT
 GGACTGGGACACAGAGAAAGGTCTGGAGGCCATGGCTGCAACACCGAGGGCTTCTTGCCACCAAGGTC
 ATGCTCATCTCTCCAAGGTGCCAAAGGCCGAGTATATCCCTACTATCATCCGAGAGATGACCCGTC
 TCATTTCCATCCTCTACGACCAGGACATGCAACCTTCGAGGACATCCTGGAGGAAATAGAGAAGAAAT
 GAACATCTATCAAGGGGGCCAAGATCTGGAAGATGCTGATTTCTGCCAGGGCGCCCTGGACACCTT
 TATTTGCTCAAGAAACAGGTGGCCACCTTTGCCAAAGTGGAGAAGGAAGGACATGATCCACTTCTGGA
 AGAGGCTGAGCCGCTGATGAGCAAGGTGAACCCGAGCCGAATGTCATCCACATCATGGGCTGTACAT
 TCTGGGAACCCTAACGGGGAGAAGCTATTCCAGAACCTCAGGACCCCTCATGACCCCTTACAAGTTACC
 TTTGAGTCGCTCTCGAGCTGTCTGCCAAGGGAAGCAGATGATTGAGACCTACTTTGACTTCCGGCTGT
 ACCGCTGTGGAAGAGCCGCCAGCACTCAAAGCTGCTGGACTTTGATGACGTCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGAASRRRALRSEAMSSVAAKVRAARAFGEYLSQSHPENRNGADHLLADAYSGHDGSPMQPAPQNKRR
 LSLVSNRGYEGSISDEAVSGKPAIEGPQPHVYIISREPALLPGSEAEAIELAVVKRRRQRERHPHHHSQP
 LRASPGSSREDISRQCQSWAGSRQGSKECPGCAQLVPGPSSRAFGLEQPPLPEAPGRHKKLERMYSVDGV
 SDDVPIRTWFPKENLFSFQTATTTMQAISVFRGYAERKRRKRENDASVQRNFRKHLRMVGSRRVKAQT
 FAERRERSFSRSWSDPTPMKADTSHDSRSSLQSSHCTLDEACEDLDWDTEKLEAMACNTEGFLPPKV
 MLISSKVPKAEYIPTIIRDDPSIIPILYDHEHATFEDILEEIEKLNIIYHKGAKIWKMLIFCQGGPGHL
 YLLKNKVATFAKVEKEEDMIHFWKRLSRLMSKVNPEPNVIHIMGCYILGNPNGEKLFQNLRLTMTPTYKVT
 FESPLELSAQGQMIETYDFRLYLWKSQRHKLDFDDVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001039386

ORF Size:

1596 bp

Buffer:	PBS with 0.001% Pluronic F68
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_001039386.1</u> , <u>NP_001034475.1</u>
RefSeq Size:	2949 bp
RefSeq ORF:	1599 bp
Locus ID:	56876
UniProt ID:	<u>Q99NF2</u>
Cytogenetics:	2 A3
MW:	60.3 kDa