

Product datasheet for **MR215646A1V**

Mouse Shroom1 (NM_027917) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Shroom1 (NM_027917) AAV Particle
Tag:	Myc-DDK
Symbol:	Shroom1
Synonyms:	Apx; Shrm1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR215646 representing NM_027917
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGGCCCTGGGTACTGGGAGAGACCGACCTCCCAGGCCTCAGCCACTGAAAGCCTGGACTTGCGAC
 GGTTGTCCACGCGCGCCGACTCTGCCTACAGCTCTTTCTCCACGCGCTCTGGTGATCCTGAGACGCGCAC
 TCCGTCCCCTGGCACCAGAGCGCTCCCTTACCTAGACTGGGACTACGTGCGAGTGGTTTGGGGCAGCCAA
 TCTCTACCTCGAAGGACGCTGTCTTTCAACGACTCAGCGACCTGTGCAGGCAGTCTGCTGGGCACAGTG
 ACCCACGGTCCCCAGAGGTCCAGGGAAGCCCGGACCCTAAACAGACAAGACACCCCACTGCTGTACGC
 GCTGGCCGCGGAGGCTGAAGCTACAGCTCACACCGCAGAGCCGCCAGCCGCCAGCCTCGCGGGACGCC
 TACCGCCAGCGGTTGCAGGTGCACAGCGACGAGTGTGCGGGAGACGTCCTTCCAGCGAAAGGAGTTTC
 GCATGAGCCTGCCGGGCCGCTGCGTCCCGCAGTCCCACGCGACTTCCCAGGCGCACGTGCGCTCCGC
 CTCCAGCAGCCAGGAGCTGGGAGAAGAGAGCCGGCGCGCACCGCTGTCCAGCGCTAGCTGCTGCTGGC
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 GGAGCGGTGGGCCCACTGGTGAGGACTTGAGAAAAGATTATCCACGCAGGAGTTGCAGCGTGGGATGCA
 CGCAAAGTCCAAAGGGCTGCTGGAGACTCAGTCCCTAAGCTCAACGGAGCTGAATTCGGGCCAGCGGAT
 CTTGGCAATGCCATAGACCTGCGGGTCGGAGTCAGAGTGTTCAGGCGAGGTGATGGGTCCCTGCAAGG
 GTTCAGAAAGGACTGTGGCCACTGTCCAGGCTGTTCTCAAAGAGCAGACATCCGAGACCACTGCTTCA
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 ATGACGTGTTCTGAGAGAAGCCAAACACCGTCACCTCAAGATTCCCAAGGGCTCCCCACCAGCACCTC
 CTACCGGCAGTATGAAAACGACTTAAGCAAAAAGCTGGTCAGATTGCAGTTTCAGCAGAGAGACCCCTC
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 GACCCACAAGCATTCCAGAGACTACAAATGACGACATCCCAACCTTTGACACTAATGGGACCACTGACCC
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 GCCCGTCCAGAGCCACCGCAGGGCCTGCTGGATGGGCTTTTCTGTGCAAGAGATCCGAAGTGCGATG
 AGGCCAGCCCTTGAGGAGATGGGAGAGAAGCTGCTGGCGCATCGGAGGAAGGCTTGTGGACACCACC
 TCACGCAGGACCTGCAGACTTCCCAAGAGGCATCAAGGTCTGAAAACCTACCCCGACCTGACCAATC
 AAGTGGCCAGGAATCCCAAGGAAACAGCACCCAGGCCAAGAAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
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 ACGGAGCTCTAGAGGCTGCTGTGAGCCAGGCTGTACACCCCGGAGCTGGAACGGTTCGCCGGTTTCAT
 GACTGATCTAGAGCGTGTGCTTGGTCTGCTGCTGCTGCTAGGCAGTCGCTGGTCCGTGTAACCTCGCC
 TTGGCTAGGGCGGGCTCAAACAGCGACCCTGATGAGAGGGCTCTCTGCTGCAGCGACTCCAACCTCTGC
 AGCGACAGCAAGAAGAAGCTAAGGAGCTGAAGGAGCACGTGGCTCGGCGGGAGCAACCCCTGCGTCAGGT
 GTTGGAGCGGGAGCTGCCCGCAGAGCATCTGCGCTCCTATTGTGTGCTGCTGGCCTCCAAGGCCAGGATC
 CTGTACAGCAGCGCAGCCTGGACGATCGAATCCGGTTCCCTAAGGACCAACTGGACACTATCTGGAGCG
 ACCTCAGCCATCATCCCTTTCTCCAGACTGACCTGGGCCCCAGCAATCCGTCTCTAAACAAACAACC
 TTTTCTTGCTACCCCTATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR215646 representing NM_027917 Red=Cloning site Green=Tags(s) MEALGTGRDRTSQASATESLDLRLSTRADSAYSSFSTASGDPETRTPSPGTERLPYLDWDYVRVWGSQ SPTSKDAVLSTTQRPVQAVAGHSDPRSPEVQGSPLNRQDTPLLYALAAEAEATAHTAEPSPASRDA YRQLQGAQRRVLRETSFQRKEFRMSLPGRLRPAVPTRLPTAHVRSASSSQELGEEEPARTAVPALAAAG RGRLSSQQRQCCFSEPGKLHRVGWGGPTGEDLRKDYSTQELQRGMHAKSKGLLETQSLSSTELNSGPAD LGNAHRPAGRSQSVSGEVMGPCKGSERTVATVQAVPQADIRRPLLHTKLSRSLTQKEVTGVCPEALQT KPAGCGRRISSETSVSTPGPSLPEDDVFLREAKTPSPQDSQGLPTSTSYRQYENDLSKKAGQIAVSAERPL HETPGITGTEDCGQAVNGSVDLSRPTSIPETTNDIPTFTDNGTTDPSAATEKKPLKPPVDVLRPSDSE TPGSPHHTSLTWGQFDSKTTWPSRHFEALVQELARLDPSLSRTLAAQPGPEPPQGLLDGLFPVEEIRSAM RPAL EEMGEKAAGASEEGSCGHHLTQDLQTSQEASRSENSTPDPDQSSGQEFPEGNSTQAKKVELARLLQ KMLQDLHAEQERLRGTAADWTQRNGALEAAVSQACTPRELERFRFMTDLERVLGLLLLGSRLVRVNLA LARAGNSNDPDERASLLQRLQLLQRQQEAKELKEHVARREQLRQVLERELPAEHLRSYCVLLASKARI LSQQRSLDDRIRFLKQDLDTIWSDL SHHPLSPRLTWAPAIRPLNKQPF LATLI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_027917
ORF Size:	2469 bp
Buffer:	PBS with 0.001% Pluronic F2291
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_027917.3, NP_082193.2</u>
RefSeq Size:	3312 bp
RefSeq ORF:	2472 bp
Locus ID:	71774
UniProt ID:	<u>Q5SX79</u>
Cytogenetics:	11 B1.3
MW:	90 kDa