

Product datasheet for **RC218073A1V**

Human NSMCE1 (NM_145080) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NSMCE1 (NM_145080) AAV Particle
Tag:	Myc-DDK
Symbol:	NSMCE1
Synonyms:	NSE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218073 representing NM_145080 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGGGCAGCACAAGGAGAATGGGCGTCATGACTGATGTCCACCGCGCTTCCTCCAGTTGCTGATGA
CCCATGGCGTGCTAGAGGAATGGGACGTGAAGCGCTTGCAGACGCACTGCTACAAGGTCCATGACCGCAA
TGCCACCGTAGATAAGTTGGAGGACTTCATCAACAACATTAACAGTGTCTTGGAGTCCTGTATATTGAG
ATAAAGAGAGGAGTCACGGAAGATGATGGGAGACCCATTTATGCGTTGGTGAATCTTGCTACAACCTCAA
TTTCCAAAATGGCTACGGATTTTGCAGAGAATGAAGTGGATTTGTTAGAAAGGCTCTGGAAGTATTAT
TGACTCAGAAACCGGCTTTGCGTCTTCCACAAACATATTGAACCTGGTTGATCAACTTAAAGGCAAGAAG
ATGAGGAAGAAGGAAGCGGAGCAGGTGCTGCAGAAGTTTGTTCAAAACAAGTGGCTGATTGAGAAGGAAG
GGGAGTTACCCCTGCACGGCCGGGCCATCCTGGAGATGGAACAATACATCCGGGAGACGTACCCCGACGC
GGTGAAGATCTGCAATATCTGTACAGCCTCTCATCCAGGTCAAAGCTGCGAAACCTGTGGGATCAGG
ATGCACTTACCCCTGCGTGGCCAAGTACTTCCAGTCGAATGCTGAACCGCGCTGCCCCACTGCAACGACT
ACTGGCCCCACGAGATCCCAAAGTCTTCGACCCTGAGAAGGAGAGGGAGTCTGGTGTCTTGAAATCGAA
CAAAAAGTCCCTGCGGTCCAGGCAGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218073 representing NM_145080 Red=Cloning site Green=Tags(s) MQGSTRRMGVMTDVHRRFLQLLMTHGVLEEDVKRLQTHCYKVHNRNATVDKLEDFINNINSVLESLEYIE IKRGVTEDDGRPIYALVNLATTSISKMATDFAENELDLFRKALELIIDSETGFASSTNINLVDQLKGKK MRKKEAEQVLQKFVQNKWLEKEGEFTLHGRAILEMEQYIRETYPDVAVKICNICHSLLIQGQSCETCGIR MHLPCVAKYFQSNAPRCPCPCNDYWPHEIPKVFDPKERESEGVLSNKKSLRSRQH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145080
ORF Size:	798 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_145080.3, NP_659547.2</u>
RefSeq Size:	1079 bp
RefSeq ORF:	801 bp
Locus ID:	197370
UniProt ID:	<u>Q8WV22</u>
Cytogenetics:	16p12.1
MW:	30.7 kDa