

Product datasheet for **MR226348A1V**

Mouse Spem1 (NM_028855) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Spem1 (NM_028855) AAV Particle
Tag:	Myc-DDK
Symbol:	Spem1
Synonyms:	1700095G12Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR226348 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCATGGCTGAGCGGCTCGGCCTGGGTGGCCTCGTATCAAAACCCCAACATCAACAAGTCCAGG
ACATGGGAAACTCCATTCTGCTGCTCTTGGGTCTTATCGTCTGTATTAACATTGGCATCAATTTGGTGAC
CCTGCTCTGGAGCCGAATCCGCATCCTTTACACCGAATGTTCCATATCATTTGTGAAAAAGAAACCACT
ACTTCACTTGGGAAGCTGGTCCAGCCCTTGAGGAAGCAGACCTACCCCAAAGTCCATCTTCGATGTACCA
TGGACCCCTGTGAAGATGACTGTGACCCCCCACCCTCGTCGTCGTTACCGCCATCGAGCGCCTCCATC
TCGCCGTGCCCGCTGCCCATAGCTTGGGCCCTGATACTGATGATGAGAAACCTCCACATCAGCACCCCT
GCAATCTGTTCCCGCCACTGGAATGACTCTAAGGATTGGGAAGGCTTTCAATCTATGCAGGAGGTGTGGG
AACCTTGGACTCAGGATGGTCTAGAGCAACCTCCCAGACCATCCGCTTCCAGCCAGCAGTAGAGGCCAG
GCCTCTCAAAATCGGAAATCCGGTCAGACCAGGGCCTAGAGGCCTATGTGTATACTGTAAATCCTCCACCT
CCCAGTCTAGAGGCTTTGAGCCATAAAAAAATGCGGCAGGGTCAGGGGGATGTGTTGAGGGTGAGCAAG
CACAGGGCCAGCCTGTCTCACCATCCTTTCTGGGTCCAGCAAATGTCCCTGAAATACCCCGCGCCATTC
ATCAGGCCGAATAGTCTATGATGCCCGAGATGTGAGGAGAAGGTTACGAGAACTACCCAGGAGGTGGAG
GCTCTGTCCCACTGTTACCCCTTGGTCTCTGGATCCAGCGCAGCTGAGGGGACAGGCAAAGATTGGGTGT
ATCGTCCCTGAAGGGAAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR226348 protein sequence Red=Cloning site Green=Tags(s) MAMAERPRPGWASYQNPNNCQDMGNSILLLLGLIVCINIGINLVTLWSRIRILLHRMFHIICEKETS TSLGKL VQPLRKQTYPKVHLRCTMDPVKMTVTPPTRRRYRHRAPPSRRARCP IAWAPDTTDEKPPHQP AICSRHWND SKDWEFGQSMQEVWEPWTQDGLQPPQTIRFQPAVEARPLKSEIRSDQGLEAYVYTVNPPP PSLEALSHKNNAAAGSGGCVEGEQAQGQPVSPSFLGPANVPEIPRRHSSGRIVYDARDVRRRLREL TQEVE ALSHCYPLVSGSSAAEGTGKDWVYRPLKGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028855
ORF Size:	930 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_028855.1, NP_083131.1</u>
RefSeq Size:	1060 bp
RefSeq ORF:	933 bp
Locus ID:	74288
UniProt ID:	<u>Q5F289</u>
Cytogenetics:	11 B3
MW:	35.1 kDa