

Product datasheet for **MR226169A1V**

Mouse Spo11 (NM_001083959) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Spo11 (NM_001083959) AAV Particle
Tag:	Myc-DDK
Symbol:	Spo11
Synonyms:	AI449549; Spo11a; Spo11b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR226169 representing NM_001083959 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGTTTCGCGCCTATGGGGCCCGAGGCCTCGTTCTTCGACGCCCTGGATCGGCACAGGGCTTCCCTGT
TGGCCATGGTGAAGAGAGGCGCAGGGGAGACCCTGCCGGGGCCACCCGCTGGCCTCTAGGTTTGATGA
TTCTGTGCGCCTTCGGATGATACCTCAGTGTACCACAAGAAAAATCAGAAGCGATTACCAAAAATCAGTT
AAGAAATTCGCTCTGATTCTGAAAGTATTGTCCATGATTATAAATTAATACAGAGCGACACTTATGCAA
CCAAGAGGAGCAATGCTCATTCTGTGTGACCTTGCATCTGCATAGAGACATATACTACACTGACAGCCA
GCTCTTTGGGAACAGGCTGCGGTGGACAGCGCCATCGATGACATTTCTGTATGCTGAAAGTGCCAGG
AGGAGTCTGCACGTGCTATCTACTTCCAAGGGATTGATTGCTGGCAACTTGAGATACATGGAGGAAGATG
GTACCAGAGTCCAGTGTACCTGTAGTGCCACGGCTACTGCTGTGCCGACTAACATTCAAGGAATGCAGCA
TCTGATCACAGATGCGAAGTTTCTGTTAATAGTCGAGAAGGATGCAACATTTACGCGGCTCCTGGACGAC
AACTTCTGCAGCAGGATGTCCCGTGCATCATGGTTACGGGAAAGGGCGTTCCAGATCTGAACACGAGGC
TCTTGGTAAAGAAGCTGTGGGACACCTTTCATATTCTGTTTTACACTGGTCGATGCAGATCCCTACGG
CATCGAGATAATGTGCATCTATAAGTACGGATCCATGTCCATGTCTTTGAAGCTCACAATCTCACTATC
CCAACAATCAGATGGCTTGGTCTCCTCCCTTCTGATATCCAGAGGTTAAATATACCTAAGGATAGTTTGA
TCCCACTGACAAAGCATGACCAGATGAAGCTGGACAGCATCCTGAAGAGGCTTACATTACCTACCAGCC
CCTCTGGAAGAAAGAGCTGGAGATGATGGCAGACTCTAAGATGAAGGCAGAGATCCAAGCCTTGACCTTG
CTGTCGTGCACTACCTGTCCAGAGTGTACTTACCAACAAGCTGAGGTTTGGAGGATGGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR226169 representing NM_001083959 Red=Cloning site Green=Tags(s) MAFAPMGPEASFFDALDRHRASLLAMVKGAGETPAGATRVASRFDDSVGLRMIPQCTTRKIRSDSPKSV KKFALILKVLSMIYKLIQSDTYATKRSNAHSVLTLLHHRDIYYTDSQLFGNQAAVDSAIDDISCMLKVPR RSLHVLSTSKGLIAGNLRYMEEDGTRVQCTCSATATAVPTNIQGMQHLITDAKFLLIVEKDATFQRLDD NFCSRMSPCIMVTGKGVPDLNTRLLVKKLWDTFHIPVFTLVADAPYGIEIMCIYKYGSMMSFEAHNLTI PTIRWLGLLPSDIQRLNIPKDSLIPLTkHDKMLDSILKRPYITYQPLWKKELEMMADSKMKAIEIQALTL LSSDYLSRVYLPNKLRFGGWI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001083959
ORF Size:	1113 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_001083959.1, NP_001077428.1</u>
RefSeq Size:	1641 bp
RefSeq ORF:	1116 bp
Locus ID:	26972
UniProt ID:	<u>Q9WTK8</u>
Cytogenetics:	2 95.64 cM
MW:	42.2 kDa