

Product datasheet for **RC221227A1V**

Human SPO11 (NM_012444) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SPO11 (NM_012444) AAV Particle
Tag:	Myc-DDK
Symbol:	SPO11
Synonyms:	CT35; SPATA43; TOPOVIA; TOPVIA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221227 representing NM_012444 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCTTTGCACCTATGGGGCCCGAGGCCTCGTTCTTCGACGTTTTGGACCGACACAGGGAGTCCCTGC
TGGCTGCCCTGAGGAGAGGTGGCAGGGAGCCCCAACTGGGGGAAGCCGCTGGCCTCCAGTTCTGAGGT
TCTTGCATCTATAGAAAATATTATCCAAGACATAATCACAAGCTTGGCAAGAAATGAAGCACCTGCATTC
ACGATAGACAACAGATCAAGCTGGGAAAACATAAAGTTTGAAGATTCTGTGGGTCTTCAGATGGTATCCC
ATTGCACCACCAGAAAGATCAAAAGTGATTACCAAAATCAGCTCAAAAATTTCTCTAATCCTTAAAT
ATTGTCCATGATTTATAAATTAGTACAGAGCAACACTTATGCAACCAAAAGGGACATATATTACACTGAC
AGTCAACTCTTTGGTAACCAGACTGTCGTCGACAATATTATCAATGACATTTCTTGCATGTTAAAGTGT
CAAGGAGGAGTCTACATATATTATCTACATCAAAAGGTTTAATTGCTGGCAACTTAAGATACATCGAGGA
AGATGGCACCAAAAGTGAATTGTACCTGTGGTGAACGGCTGTTGCTGTGCCATCGAATATTCAAGGAATT
CGGAATTTAGTTACAGATGCAAAGTTTGTATTAATTGTAGAAAAGATGCAACATTTACGCGCTCCTAG
ATGACAACTTTTGCAACAAATTGTCTCCTTGCATCATGATTACGGGAAAGGGAGTTCTGATCTAAACAC
AAGACTTTTAGTCAAGAACTGTGGGATACATTTTCATGTTCTGTTTCACTCTTGTAGATGCTGATCCA
CATGGCATAGAAATAATGTGCATCTATAAGTATGGATCTATGTCTATGTCTTTGAAGCTCATCATCTCA
CAGTTCAGCTATTAGATGGCTTGGTCTTCTCCCTTCTGATCTTAAAGATTAATGTACCTAAAGATAG
TTTGATTCCACTGACAAAAGGGACCAATGAACTTGACAGTATCCTGAGGAGACCTTATGTTACCTGC
CAACCATTTTGGAGAAAAGAAATGGAATAATGGCAGACTCTAAAATGAAGGCAGAAATTAAGCTTTGA
CTTTCCTATCATCAGATTATCTTCCAGAGTGTACTTACCTAACAAATTAATTTGGAGGATGGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221227 representing NM_012444 Red=Cloning site Green=Tags(s) MAFAPMGPEASFFDVLDRHRESLLAALRRGGREPPTGGSRLLASSEVLASIENIIQDIITSLARNEAPAF TIDNRSSWENIKFEDSVGLQMVSHCTTRKIKSDSPKSAQKFSILKILSMIYKLVQSNTYATKRDIYYTD SQLFGNQTVVDNIINDISCMLKVSRRSLHILSTSKGLIAGNLRYIEEDGKVNCTCGATAVAVPSNIQGI RNLVTDAKFVLIVEKDATFQRLDDNFCNKLSPCIMITGKGVPDLNTRLLVKKLWDTFHVVPFTLVADAP HGIEIMCIYKYGSMSMSFEAHLTVPAIRWLGLLPSDLKRLNVPKDSLIPLTRDQMKLDSILRRPYVTC QPFWRKEMEIMADSKMKAIEIQALTFLSSDYLSRVYLPNKLKFGGWI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012444
ORF Size:	1188 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:	NM_012444.2
RefSeq Size:	1826 bp
RefSeq ORF:	1191 bp
Locus ID:	23626
UniProt ID:	Q9Y5K1
Cytogenetics:	20q13.31
MW:	44.4 kDa