

## Product datasheet for **RC217524A1V**

### Human SEPNI (SELENON) (NM\_020451) AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	SEPNI
<b>Synonyms:</b>	CFTD; MDRS1; RSMD1; RSS; SELN; SEPNI
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



**ORF Nucleotide Sequence:** >RC217524 representing NM\_020451  
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGGATCGCC

ATGGGCGGGCCCGGGCCAAACGCGGGCCAGCCCGGCCCGCCGCGCAGCCTCCCGGCCAC  
 CGCGCCGCGCGCCCGTTCCCTGGCGCTGCTCGGAGCCCTGCTGGCCGCGCCGCTGCCGCCCGCTCCG  
 GGTCTGCGCCCGCCACGCCGAGGCCAGCGCGCCGCGCGCAGGAACTGGCGCTGAAGACCTGGGGACA  
 GATGGCCTTTTTCTTTTTCTCTTGGACTGACGGGATATGTACATCAGCCCTGAGGAGTTCAAAC  
 CCATTGCTGAGAAGCTAACAGGGTCTTGTCTGTACCCAGACTGGAGTGCAGTGGTGCAGTCACAGCTC  
 ACTGCAGCCTCAACTTCCCTGGCTCAATTGATCCTCCTGCCTCAGCCTCCTGAGGTCAACTCCCGGGCC  
 AGCTGCGAGGAGGAGGAGTTGCCCTGACCTAGCGAGGAGAGCTCACCATAGAAGCCCGATTCCAGC  
 CTCTGCTCCCGGAGACCATGACCAAGACAAAGATGGCTTCTAGGGTCTCCCGCCTCGCCCTGTCCGG  
 CCTCCGAAACTGGACAGCCCGCCTACCAAGTGCAGTGTGGCCACCGCCACTTCCAGCCCTTCTT  
 CCCCCGCCAGGCCAGGAGCTGGGTGAGCCCTGGTGGATCATCCCCAGTGAAGTGCAGTGTTCAGTGGCT  
 ACCTGTCCAACAACCGCTTCTATCCACCGCCCAAGGGCAAGGAGTGCATATCCACCGCTCCTGAG  
 CATGTTCCACCTCGGCCCTTGTGAAGACCCGCTTGGCCCTCAGGGAGCTGTGCCCTGCCTGACTGCC  
 ATCAGCGACTTCTACTACACTGTGATGTTCCGGATCCATGCCGAGTCCAGCTCAGTGAAGCCCGCAGT  
 TCCCCTTTTGGTCTCCCTGCTCAGTTCACCGCCACATCATCCTCTCAAAGACGCCACCCACGTCGG  
 CGACTTCCGGCTCTCTGTCGCAACACAGGTCTCTGAATGTGGACATGGAGTGGCTTTACGGGGCCAGT  
 GAAAGCAGCAACATGGAGGTGGACATCGGCTACATACCCAGATGGAGCTGGAGGCCACGGGCCCTCTG  
 TGCCCTCCGTGATCCTGGATGAGGATGGCAGCATGATCGACAGCCACTGCCTCAGGGGAGCCCTGCA  
 GTTTGTGTTGAGGAGATCAAGTGGCAGCAGGAGCTGAGCTGGGAGGAGGCTGCCCGGCCCTGGAGGTG  
 GCCATGATCCCTTCAAGAAGGTCTCTACTTGCCTTCACTGAGGCTTCGACCGAGCCAAAGGCTGAGA  
 ACAAGTGGTGAAGTCAATCCTGCTGTGGGGGCCCTGGATGACCAGTCTGCTGAGGTTACAGGGCGGAC  
 TCTCCGGGAGACTGCTCGAAAGTTCGCCATCCTCACCTGCTCAACGAGAGCTTCAAGCAGCCTGG  
 TCCCCTGGTGAAGGAGCTGGAGAACTGCAGAAACACCCAGGAACTCGTCCCACAGAAAGCTGGCTGGCC  
 TGCACCTGGAGAAGTACAGTTCCCGTGGAGATGATGATCTGCCTGCCAATGGCACCGTGGTCCATCA  
 CATCAATGCCAACTACTTCTGGACATCACCTCCGTAAGCCCGAGGAAATCGAGAGCAATCTCTCAGC  
 TTCTCATCCACCTTGAAGACCCGTCACGGCCACCTACATGCAGTTCCTGAAGGAGGACTCCGGCGTG  
 GCTGCCCTCCTCCAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTAA

**Protein Sequence:** >RC217524 representing NM\_020451  
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MGRARPGQRGPPSPGPAQPPAPRRRRARSLALLGALLAAAAAAVRCARHAEAAQAARQELALKTLGT  
 DGLFLFSSLDTDGDMYISPEEFKPIAEKLTGSCSVTQTGVQWCSHSLQPQLPWLNUSSCLLLRSTPAA  
 SCEEEELPPDPSEETLTIEARFQPLLPEMTKSKDGFLLGVSRLALSGLRNWTAASPSAVFATRHFQPFL  
 PPPGQELGEPWWIIPSEL SMFTGYLSNNRFYPPPKGKEV I IHRLLSMFHPRPFVKTRFAPQGAVACLA  
 ISDFYYTVMFRIHAEFQLSEPPDFPFWFSPAQFTGHIILSKDATHVRDFRLFVFNHRS LNVDMEWLYGAS  
 ESSNMEVDIGYIPQMELEATGPSVPSVILDEDGSMIDSHLPSGEPLQFVFEEIKWQELSWEEAARRLEV  
 AMYPFKKVSYPFTEAFDRAKAENKLVHSELLWGALDDQSCUGSGRTLRETVLESSPILTLNLSFISTW  
 SLVKELEELQNNQENSSHQKLAGLHLEKYSFPVEMM ICLPNGTVVHHINANYFLDITSVKPEEIESNLF  
 FSSTFEDPSTATYMQFLKEGLRRGLPLLQP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_020451

<b>Buffer:</b>	PBS with 0.001% Pluronic F7704
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_020451.2</u>
<b>RefSeq Size:</b>	4357 bp
<b>RefSeq ORF:</b>	1773 bp
<b>Locus ID:</b>	57190
<b>UniProt ID:</b>	<u>Q9NZV5</u>
<b>Cytogenetics:</b>	1p36.11