

Product datasheet for **RC220540A1V**

Human SYVN1 (NM_172230) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SYVN1 (NM_172230) AAV Particle
Tag:	Myc-DDK
Symbol:	SYVN1
Synonyms:	DER3; HRD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220540 representing NM_172230
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTCCGCACGGCAGTGATGATGGCGGCCAGCCTGGCGCTGACCGGGGCTGTGGTGGCTCACGCCTACT
 ACCTCAAACACCAGTTCTACCCCACTGTGGTGTACCTGACCAAGTCCAGCCCCAGCATGGCAGTCTGT
 CATCCAGGCCTTTGTCTTGTCTTCTTCTGGGCAAGGTGATGGGCAAGGTGTTCTTTGGCAACTGAGG
 GCAGCAGAGATGGAGCACCTTCTGGAACGTTCTGGTACGCCGTACAGAGACTTGTCTGGCCTTACCG
 TTTTTCGGGATGACTTCAGCCCCGCTTTGTTGCACTCTTCACTCTTCTTCTCTTCTCTCAATGTTTCCA
 CTGGCTGGCTGAGGACCGTGTGGACTTTATGGAACGCAGCCCCAACATCTCTGGCTCTTCACTGCCGC
 ATTGTCTCTTATGTTCTCTGGGCATCCTGGACTTCTCTTCTGTCAGCCACGCCTATCACAGCATCC
 TGACCCGTGGGCTCTGTGCAGCTGGTGTGGCTTTGAGTATGCCATCCTGATGACGATGGTGTCTCAC
 CATCTTCAAGTATGTGCTGCACTCCGTGGACCTCCAGAGTGAAGACCCCTGGGACAACAAGGCTGTG
 TACATGCTCTACAGAGCTGTTTACAGGCTTCATCAAGGTTCTGCTGTACATGGCCTTCATGACCATCA
 TGATCAAGGTGCACACCTTCCCACTCTTTGCCATCCGGCCCATGTACCTGGCCATGAGACAGTTCAAGAA
 AGCTGTGACAGATGCCATCATGTCTGCCGAGCCATCCGCAACATGAACACCCTGTATCCAGATGCCACC
 CCAGAGGAGCTCCAGGCAATGGACAATGTCTGCATCATCTGCCGAGAAGAGATGGTGACTGGTGCCAAGA
 GACTGCCCTGCAACCACATTTTCCATACCAGCTGCCTGCGCTCCTGGTTCAGCGGCAGCAGACCTGCC
 CACCTGCCGTATGGATGTCCTTCTGTCATCGCTGCCAGCGCAGTACCACCACCCCGGAGCCTGCGGAT
 CAGGGGCCACCCCTGCCCCCAACCCCACTCTTGCCTCAGCCCCCAACTTCCCCAGGGCCTCC
 TGCTCCTTTTCTCCAGGCATGTTCCCACTGTGGCCCCCATGGGCCCTTTCCACCTGTCCCGCTCC
 CCCCAGCTCAGGAGAGGCTGTGGCTCCTCCATCCACCAAGTGCAGCAGCCCTTTCTCGGCCAAGTGGAGCA
 GCTACAACCACAGCTGCTGGCACCAGTCTACTGCTGCTTCTGCCACAGCATCTGGCCAGGCTCTGGCT
 CTGCCCCAGAGGCTGGCCCTGCCCTGGTTTCCCTTCCCTCCTCCCTGGATGGGTATGCCCTGCCCTCC
 ACCCTTTGCCCTCCCCCAATGCCTGTGCCCTTGGGGCTTTGCTGGGCTGACCCAGAGGAGCTACGA
 GCTCTGGAGGGCCATGAGCGGCAGCACCTGGAGCCCGGCTGCAGAGCCTGCGTAACATCCACACTGC
 TGGACGCCCATGCTGCAGATCAACCAGTACCTACCGTGTGGCTCCTTGGGGCCCCCGGCTGC
 CACTTCAGTCACTCACTGAGGAGCTGCCACTACAGTTGTTGCTGCTGCTCCTCCACCAGCATCCCT
 AGCTCAGAGGCCACGACCCCAACCCAGGAGCCTCCCCACCAGCCCTGAAATGGAAGGCTCCAGCTC
 CTGAGTCAGTGGGCACAGAGGAGATGCCTGAGGATGGAGAGCCCGATGCAGCAGAGCTCCGCCGGCGCC
 CCTGCAGAAGCTGGAGTCTCTGTTGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MFRTAVMMAASLALTGAVVAHAYYLKHQFYPTVVYLTKSSPSMAVLYIQAFVLVFLLGKVMGKVFFGQLR
 AAEMEHLERSWYAVTETCLAFTVFRDDFSPRFVALFTLLFLKCFHWAEDRVDFMERSPNISWLFHCR
 IVSLMFLLGILDFLFVSHAYHSILTRGASVQLVGFAYAILMTMVLTIKIVLHSDVLQSENPDWKNKAV
 YMLYTELFTGFIKVLVYAFMTIMIKVHTFPLFAIRPMYLAQRQFKAVTDAIMSRRAIRNMNTLYPDAT
 PEELQAMDNVCIICREEMVTGAKRLPCNHIHTSCLRSWFQRQTCPTCRMDVLRASLPAQSPPPPEPAD
 QGPPAPHPHPLLPQPPNFPQGLLPFPFGMFLWPPMGFPFPVPPPPSSGEAVAPPSTSAALSRPSGA
 ATTTAAGTSATAASATASGPGSGSAPEAGPAGFPFPFPWMGMPLPPFAFPMPVPVPAAGFAGLTPEELR
 ALEGHERQHLEARLQSLRNIHTLLDAAMLQINQYLTVLASLGPPRPATSVNSTEETATTVVAAASSTSI
 SSEATTPPGASPPAPEMERPPAPESVGTTEMPEDGEPDAAELRRRLQKLESPVAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_172230
ORF Size:	1851 bp
Buffer:	PBS with 0.001% Pluronic F8191
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_172230.2</u>
RefSeq Size:	3074 bp
RefSeq ORF:	1854 bp
Locus ID:	84447
UniProt ID:	<u>Q86TM6</u>
Cytogenetics:	11q13.1
MW:	67.5 kDa