

Product datasheet for **RC201386A1V**

Human SESN2 (NM_031459) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SESN2 (NM_031459) AAV Particle
Tag:	Myc-DDK
Symbol:	SESN2
Synonyms:	HI95; SES2; SEST2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201386 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGATCGTGGCGGACTCCGAGTGCCGCGCAGAGCTCAAGGACTACCTGCGGTTGCCCCGGGCGGCGTCTG
 GCGACTCGGGCCCCGGAGGAGCAGAGGGAGAGCCGGGCTCGGCGAGGCCCTCGAGGGCCAGCGCCTT
 CATCCCCGTGGAGGAGGTCTTCGGGAGGGGGCTGAGAGCCTCGAGCAGCACCTGGGGCTGGAGGCACTG
 ATGTCCTCTGGGCGAGTAGACAACCTGGCAGTGGTGATGGGCCTGCACCCTGACTACTTTACCAGCTTCT
 GGCGCTGCACTACCTGCTGCTGCACACGGATGGTCCCTTGGCCAGCTCCTGGCGCCACTACATTGCCAT
 CATGGCTGCCGCCGCCATCAGTGTCTTACCTGGTAGGCTCCACATGGCCGAGTTTCTGCAGACTGGT
 GGTGACCTGAGTGGCTGCTGGGCTCCACGGGCCCGGAGAAGCTGCGAACTCAGCGAGATCAACA
 AGTTGCTGGCGCATCGCCATGGCTCATCACAAGGAACATCCAGGCCCTTGTGAAGACCGGCGAGCA
 CACTTGGTCCCTGGCCGAGCTCATTAGGCTCTGGTCTGCTCACCCTGCTGCTGCTCCTCTCTCTCTC
 GTGTTTGGCTGTGGCATCTCCCTGAGGGGGATGCAGATGGCAGCCCTGCCCCCAGGCACCTACACCCC
 CTAGTGAACAGAGCAGCCCCCAAGCAGGGACCCGTTGAACAACCTCTGGGGGCTTTGAGTCTGCCCGCGA
 CGTGGAGGCGCTGATGGAGCGCATGCAGCAGCTGCAGGAGAGCCTGCTGCGGGATGAGGGGACGTCCAG
 GAGGAGATGGAGAGCCGCTTTGAGCTGGAGAAGTCAGAGAGCCTGCTGGTGACCCCTCAGCTGACATCC
 TGGAGCCCTCTCCACACCCAGACATGCTGTGCTTTGTGAAGACCCTACTTTCGGATATGAGGACTTCAC
 TCGGAGAGGGGCTCAGGCACCCCTACCTTCCGGGCCAGGATTATACCTGGGAAGACCATGGTACTCG
 CTGATCCAGCGGCTTTACCCTGAGGGTGGCAGCTGCTGGATGAGAAGTTCAGGCAGCCTATAGCCTCA
 CCTACAATACCATCGCCATGCAGTGGTGTGGACACCTCCGTGCTCCGAGGGCCATCTGGAATATAT
 CCACTGCGTCTTTGGCATCAGATATGATGACTATGATTATGGGGAGGTGAACCACTCCTGGAGCGGAAC
 CTCAAGGTCTATATCAAGACAGTGGCCTGCTACCCAGAGAAGACCACCCGAAGAATGTACAACCTCTTCT
 GGAGGCACTTCCGCCACTCAGAGAAGGTCCACGTGAACCTGCTGCTCCTGGAGGCGCGCATGCAAGCCGC
 TCTGCTGTACGCCCTCCGTGCCATACCCGCTACATGACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201386 protein sequence
 Red=Cloning site Green=Tags(s)

MIVADSECRALKDYLRFAPGGVGDSPGEEQRESRARRGPRGPSAFIPVEEVLREGAESLEQHLGLEAL
 MSSGRVDNLAVVMGLHPDYFTSFWRHLHYLLHTDGPLASSWRHYIAIMAAARHQCSYLVGSHMAEFLQTG
 GDPEWLLGLHRAPEKLRLSEINKLLAHRPWLITKEHIQALLKTGEHTWSLAELIQALVLLTHCHSLSSF
 VFGCGILPEGDADGSPAPQAPTPPSEQSSPPSRDPLNNSGGFESARDVEALMERMQQLQESLLRDEGTSQ
 EEMESRFELEKSESLLVTPSADILEPSHPDMLCFVEDPTFGYEDFTRRGAQAPPTFRAQDYTWEDHGYS
 LIQRLYPEGGQLLDEKFAAAYSLTYNTIAMHSGVDTSVLRRAIWNYYIHCVFIRYDDYDYGEVNLQLERN
 LKVYIKTVACYPEKTTRRMYNLFWRHFRHSEKVVHVNLLLEARMQAALLYALRAITRYMT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031459

ORF Size:

1440 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_031459.3</u>
RefSeq Size:	3547 bp
RefSeq ORF:	1443 bp
Locus ID:	83667
UniProt ID:	<u>P58004</u>
Cytogenetics:	1p35.3
MW:	54.5 kDa