

Product datasheet for **RC226044A1V**

Human SHTN1 (NM_001127211) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SHTN1 (NM_001127211) AAV Particle
Tag:	Myc-DDK
Symbol:	SHTN1
Synonyms:	KIAA1598; shootin-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC226044 representing NM_001127211
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAACAGCTCGGACGAAGAGAAGCAGCTGCAGCTCATTACCAGTCTGAAGGAGCAAGCAATAGGCGAAT
 ATGAAGACCTTAGAGCAGAGAACCAGAAAACAAAGGAGAAGTGTGACAAAATTAGGCAAGAACGAGATGA
 AGCCGTTAAAAAACTGGAAGAATTTAGAAAATTTCTCACATGGTCATAGAGGAAGTAAATTTTCATGCAG
 AACCATCTTGAAATAGAGAAGACTTGTGCGAAGAGTGTGAAGCTTTGGCAACAAAGCTAAATAAAGAAA
 ATAAACGTTGAAAGAATCAGCATGTTGTACATGGCCAAAGCTGGGACCAGATGTAATACTGAAGAGAT
 AAACATTGATGATGAAGATTCGACTACAGACACAGACGGTGCCGCCGAGACTTGTGTCTCAGTACAGTGT
 CAGAAGCAAATTAAGAAGCTTCGAGATCAAATTTGTATCTGTTCCAGGAGGAAAAGAAGTTTTAGCCATTG
 AGCTGGAAAATCTCAAGAGCAAACCTCGTAGAAGTAATTGAAGAAGTAAATAAGTTAAACAAGAAAAGAC
 TGTTTTAAATTCAGAAGTTCTTGAACAGAGAAAAGTCTTAGAAAAATGCAATAGAGTGTCCATGTTAGCT
 GTAGAAGAGTATGAGGAGATGCAAGTAAACCTGGAGCTGGAGAAGGACCTTCGAAAGAAAGCAGAGTCAT
 TTGCACAAAGAGATGTTTCATTGAGCAAAACAAGCTAAAGAGACAAAGCCACCTTCTGCTGCAGAGCTCCAT
 CCCTGATCAGCAGCTTTTGAAAGCTTTAGACGAAAATGCAAACTCACCCAGCAACTGGAAGAAGAGAGA
 ATTCAGCATCAACAAAAGGTCAAAGAATTAGAAGAGCAACTAGAAAATGAAACACTCCACAAAGAATAC
 ACAACCTCAACACGAACTGGAGCTTCTAGAGGAAGATAAAAAGGAATTGGAATTGAAATATCAGAATTC
 TGAAGAGAAAGCCAGAAATTTAAAGCACTCTGTTGATGAAGTCCAGAAACGAGTGAACCACTCTGAGAAT
 TCAGTACCTCCACCACCTCCTCCTCCACCACCTTCCCTCCACCTCCCAATCCTATCCGATCCCTCA
 TGTCCATGATCCGGAACGATCCACCCAGTGGCAGTGGTGCTAAGAAAGAAAAGGCAACTCAACCAGA
 AACAACTGAAGAAGTCACAGATCTAAAGAGGCAAGCAGTTGAAGAGATGATGGATAGAATTAAGGGA
 GTTCATCTTAGACCCGTTAATCAGACAGCCAGACCGAAGACAAAGCCAGAAATCTTCGAAAGGCTGCGAAA
 GTGCAAGGATGAAGTAAAGGAATACTGGGACACTTAACAAATCCACTAGTTCAAGAAGCTTAAATC
 CCTTGACCCTGAAAACAGTGAACTGAGTTAGAAAGGATTTTGCCTCGCAGAAAGGTGACAGCAGAAAGCA
 GATAGCAGTAGTCCAAGTGGGATATTAGCCACCTCAGAGTCCAAATCCATGCCAGTGTGGGTTCTGTAT
 CCAGTGTAAACAAAACAGCCTTGAACAAGAAAACCTCTGGAGGCAGAAATCAACAGCCCGTCCCCCAAC
 ACCTGAGCCAGGTGAAGGGCCCGTAAATTGGAAGGATGCACAAGTTCCAAGGTTACGTTTCAGCCTCCC
 AGTAGCATTGGATGCAGGAAAAATACATTGACGGTGAACAAAGCCGAAACCAAGTTGTAGTTTTAGATC
 CTGTTTCTACATGAACCCCAACCAAGACCAGTTGCTGAAAAAGATCCAACCAACACAAGGAGGA
 TGAAGGCGAAATTCACACAGAAAACAAAGAAGACAGCATTGAAACGTGAGAGAGACAGACAGCTCCAAC
 TGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226044 representing NM_001127211 Red=Cloning site Green=Tags(s) MNSSDEEKQLQLITSLKEQAIGEYEDLRAENQKTEKCDKIRQERDEAVKKLEEFQKISHMVIEEVNFMQ NHLEIEKTCRESAEALATKLNKENKTLKRISMLYMAKLGPDVITEEINIDDEDSTTDGAAETCVSVQC QKQIKELRDQIVSVQEEKKILAIENLKSLEVEVIEEVNKKVQEKTVLNSEVLEQRKVLEKCNRVSMIA VEEYEEQMVNLELEKDLRKKAEFAQEMFIEQNKLRQSHLLQSSIPDQQLKALDENAKLTQQLEER IQHQQKVKELEEQLNETLHKEIHNLKQQLLEEDKKELELKYQNSEEKARNLKHSVDELQKRVNQSEN SVPPPPPPPPPLPPPPNPIRSLMSMIRKSHPSGSGAKKEKATQPETTEEVTDLKRQAVEEMMDRIKKG VHLRPVNQTARPKTKPESSKGCESAVDELKILGTLNKSSTSSRLKSLDPENSETELERILRRRKVTAEA DSSSPTGILATSESKSMPVLGSVSVTKTALNKKTLAEFNSPSPPTPEPGEGPRKLEGCTSSKVTFP SSIGCRKKYIDGKQAEPVVLDPVSTHEPQTKDQVAEKDPTQHKEDGEIQPENKEDSIENVRETDSSN C TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001127211
ORF Size:	1893 bp
Buffer:	PBS with 0.001% Pluronic F8972
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_001127211.1</u>
RefSeq ORF:	1896 bp
Locus ID:	57698
UniProt ID:	<u>A0MZ66</u>
Cytogenetics:	10q25.3
MW:	71.5 kDa