

Product datasheet for **RC225846A1V**

Human **RUSC1** (NM_001105205) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	RUSC1
Synonyms:	NESCA
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225846 representing NM_001105205
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCGCCACGTGCTCCCGGGGCTCCGAGGCAGGACTGGGCCCGGGGCGGTGCGCTGGGCTGCACC
 TCCTCCCCCGCCCCGTCTCTCCGCCCTACAGGCCCTAGCAGGGCAGGCGGGAGTCCGTAGTTCGTG
 GTCTTCGCGGTGTCCCGGAGCCAGCGGTGTGGATGGCAGAAGCCAGAGTGGGACTGGTCAGCTG
 CAGGAGCAGAAGAAAGGTCTTCTGATAGCCGTAGCGTCTCCGTTGATAAAATCATCTCGCATTTTCGGG
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 GCTGACCACTCTGCCCCGCCCTCCAGCCCTGGTGGCGGACGGGTGAAGCCTTTCGGAAGGACCTC
 ATCACCGGGCGAGCAGGAGCAGCCCTGGAGCGTGGTGGAGCGTCGGTGAAGCCAGGCTCCAGCACCC
 GCTCCCTTGAACCTGTATAGCCAGGTACCGCTCTAGCCCCGCTGAGCAGCAGCCGTAGCCGTTTCCA
 TGCCTTTATCCTGGGCTCTCAACACCAAGCAGTTGGAGCTGTGGTTTTCCAGTCTCCAGGAAGATGCA
 GGCCTGCTCTCCCTCCTGTACCTGCCAACAGGATTTTCTCCTGGCCCGCGGTGGTTGTCCTCCCTGT
 CCACAGAGCTGCTGCTCTGTGACGCAATTGTCGGTGTCTCACTTCCACCTGGACCTGCTTTGAGCA
 CCACCACCACCTGCCCCGGGCCACCTCAGGCCCTGCCCTCCAGGCCACCTCCAGCTCTGCAGCAG
 ACTATGCAAGCCATGCTGCACTTTGGGGCCCGCTGGCCAGAGCCTTCGGGGGACTTCAAGGAAGCTG
 CTTAGAGCCCTCTGACTCTCAAACCTTCCACACCAGGAGCTGGTGGGAGCAGTTGACCCAGGCCCTC
 CCGGTCTATGCTCTGGGGCACTGAGGGCTTCTCTTTCCCGATGGGCACCGGGGCGTCATGGGACT
 GCAGCTGAAGAAGGTGCACAGGAGAGACCCCTGCCACAGATGAGATGGCACCAGGCAGGGGCTCTGGT
 TGGGAAGACTATTTGGAGTGCCTGGGGCCCCGAGAAAATGAGATGGAGCCCTAAAGTCCAGGAGACC
 ATCTAGCTGGCTGCCCCGACAGTGAAGTGTGGCTCTTGTGAAGCGGGGGCACCTCCCGAGATGCCT
 TCTCCTCAGGAGCTTGAAGCCTCAGCACCCAGGATGGTGAAACCATAGGGCAGTGCGGGCTCTCTGTG
 ATCAGACTGCTGCAAGACCTGACCAAGTGAAGTTCGGCGTGGGGAAGTGTGCGTGTATACCCACAGT
 GGATGAGGACTGGCTCCGCTGTGGCGGGATGGCATGAGGGTCTGGTGCCTGTGGGTATACCTCCCTT
 GTTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225846 representing NM_001105205
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MPPTCSPGLRRQDWAPGRGAGLHLPAPSPALQALAGQAGVRSSWSFAGVPGAQRLWMAEAQSGTGQL
 QEKKGLLIIVSVVDKIIISHFGAARNLVQKQLGDSRLSPDVGHVLVTLCPALHALVADGLKPFKDL
 ITGQRRSPWSVVEASVKPGSSTRSLGTLYSQVSRLAPLSSRSRHFHILGLLNTKQLELWFFSLQEDA
 GLLSLLYLPTGFFSLARGGCPSLSTELLLLQPLSVLTFHLDLLFEHHHLLPLGPPQAPAPPGPPALQQ
 TMQAMLHFGRLAQSLRGTSKEAASDPSPNLPTPGSWWEQLTQASRVYASGGTEGFPLSRWAPGRHGT
 AAEEGAQERPLPTDEMAPGRGLWLGRLFGVPGGPAENENGALKSRPSSWLPTVSVLALVKRGAPPEMP
 SPQELEASAPRMVQTHRAVRALCDHTAARPDQLSFRRGEVLRVITTVDEDLWLRCDRGMEGLVPVGYTSL
 VL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001105205

ORF Size: 1476 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_001105205.1 , NP_001098675.1
RefSeq ORF:	1479 bp
Locus ID:	23623
UniProt ID:	Q9BVN2
Cytogenetics:	1q22
MW:	52.6 kDa