

Product datasheet for **RC200243A1V**

Human **RUSC1** (NM_014328) 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: >RC200243 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGAAGCCCAGAGTGGGACTGGTCAGCTGCAGGAGCAGAAGAAAGGTCTTCTGATAGCCGTCAGCG
TCTCCGTTGATAAAATCATCTCGCATTTTCGGGGCCGCCGGAACCTTGGTGCAGAAGGCCAGTTGGGTGA
TAGCCGGCTGAGCCCGGATGTGGGGCACCTGGTGCTGACCACCCTCTGCCCGGCCCTCCACGCCCTGGTG
GCGGACGGGCTGAAGCCTTTCCGGAAGGACCTCATACCGGGCAGCGCAGGAGCAGCCCTGGAGCGTGG
TGGAGGCGTCGGTGAAGCCAGGCTCCAGCACCCGCTCCCTTGAACCTGTATAGCCAGGTGAGCCGTCT
AGCCCCGCTGAGCAGCAGCCGTAGCCGCTTCCATGCCCTTATCCTGGGCCTCCTCAACCAAGCAGTTG
GAGCTGTGGTTTTCCAGTCTCCAGGAAGATGCAGGCCTGCTCTCCCTCCTGTACCTGCCAACAGGATTTT
TCTCCCTGGCCCGGGTGGTTGTCCCTCCCTGTCCACAGAGCTGCTGCTCCTGCTGCAGCCATTGTCGGT
GCTCACTTTCCACCTGGACCTGCTCTTTGAGCACCACCACCCTGCCCTGGGCCACCTCAGGCCCT
GCCCTCCAGGCCACCTCCAGCTCTGCAGCAGACTATGCAAGCCATGCTGCACTTTGGGGCCGGCTGG
CCCAGAGCCTTCGGGGGACTTCCAAGGAAGCTGCTTCAGACCCTCTGACTCTCCAAACCTTCCACACC
AGGGAGCTGGTGGGAGCAGTTGACCCAGGCTCCCGGGTCTATGCCTCTGGGGCACTGAGGGCTTTCCT
CTTCCCGATGGGCACCGGGGCGTCATGGGACTGCAGCTGAAGAAGGTGCACAGGAGAGACCCCTGCCCA
CAGATGAGATGGCACCAGGCAGGGGCTCTGGTTGGGAAGACTATTGGAGTGCCTGGGGGCCCCGAGA
AAATGAGAATGGAGCCCTAAAGTCCAGGAGACCATCTAGCTGGCTGCCCCGACAGTGAGTGTGTTGGCT
CTTGTGAAGCGGGGGCACCTCCGAGATGCCTTCTCCTCAGGAGCTTGAGGCCTCAGCACCCAGGATGG
TGCAAAACCATAGGGCAGTGCGGGCTCTGTGATCACACTGCTGCAAGACCTGACCAAGTTGAGCTTCCG
GCGTGGGAAGTGTGCTGTATCACCACAGTGGATGAGGACTGGCTCCGCTGTGGCGGGATGGCATG
GAGGGTCTGGTGCCTGTGGGTATACCTCCCTGTTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200243 protein sequence Red=Cloning site Green=Tags(s) MAEAQSGTGQLQEQQKGLLIAVSVSVDKIISHFGAARNLVQKAQLGDSRLSPDVGHVLTTLCPALHALV ADGLKPFRRKDLITGQRRSPWSVVEASVKPGSSSTRSLGTLYSQVSRAPLSSSRSRFHAFILGLLNTKQL ELWFSLLQEDAGLLSLLYLPTGFFSLARGGCPSLSTELLLLQPLSVLTFHLDLLFEHHHHLPLGPPQAP APPGPPPALQQTQAMLHFGGRLAQSLRGTSKEAASDPSPNLPTPGSWWEQLTQASRVYASGGTEGFP LSRWAPGRHGTAEEGAQERPLPTDEMAPGRGLWLGRLFVPGGPAENENGALKSRRPSSWLPPTVSVLA LVKRGAPPEMPSPQELEASAPRMVQTHRAVRALCDHTAARPDQLSFRRGEVLRVITTVDEDWLRCGRDGM EGLVPVGYTSLVL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014328
ORF Size:	1299 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_014328.2</u>
RefSeq Size:	2568 bp
RefSeq ORF:	1302 bp
Locus ID:	23623
UniProt ID:	<u>Q9BVN2</u>
Cytogenetics:	1q22
MW:	46.6 kDa