

## Product datasheet for **RC217462A1V**

### Human **RSC1A1 (NM\_006511)** AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	RSC1A1
<b>Synonyms:</b>	RS1
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



**ORF Nucleotide Sequence:** >RC217462 representing NM\_006511  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTCATCATTACCAACTTCAGATGGGTTAACCATCCGCCCGTTCTTCAGGACAGAGTCCTGATGTTG  
 GTAATCCTATGAGTCTTGCTCGCTCTGCTCTGCTTCACTGCGCCATCAAGCCCAGTGACTCAGATCG  
 CATTGAACCTAAAGCTGTGAAGGCTTTGAAGGCTTCAGCTGAATCCAGCTAAACTCTGAAAAGAAAGAA  
 CATCTTTCTTTACAAGATCTTTCTGATCATGCTTCCTCAGCAGACCATGCTCCAACAGACCAGAGTCCAG  
 CTATGCCATGCAGAATTCATCCGAAGAAATACTGTTGCAGGTAATCTGGAGAATCTGCTGAAAAGAA  
 CACCCAGGGCTCAAATTTTCATCTCCATACAAGACAGGAAGCTAGTTTATCTGTCACATCTATAGGATG  
 CATGAACCACAGATGTTTCTAGGTGAAAAGGATTGGCATCCAGAAAATCAGAACCTGAGTCAAGTGAGTG  
 ACCCTCAGCAGCACGAAGAACCAGGGAATGAACAGTATGAGGTTGCACAACAAAAGCTTCACATGACCA  
 AGAATATCTTTGTAAATAGGGGACCTTGAGCTTCTGAAGAAAGGCAACAGAATCAACACAAAATGTT  
 GATTTGGAAGCTACGATGAAAGGAAATGGGCTCCACAGAATGTGGATCCTCCAAGTGCGAAGAAAAGTA  
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 CCATTTCCACTCAGGATTTACAGCCCCAGAAAATAAGTTGAAATACCTGGAACAAAATAAAGAATATGG  
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 TCTATAACGGCAGCCTTGAAGAATTCATGAACTTTTGGTGTAGCAGTAAACCAGCTTCAGAAAATA  
 CATCTGAAGAAGTAACTGTCAATCAGAAACCATAGCTGAGGGCCAAACCAGTATTAAGACCTTTCTGA  
 AAGATGGACCCAAAATGAGCATCTTACCCAGAATGAACAGTGTCCACAAGTCTCCTTTCATCAGGCATA  
 TCTGTATCAGTGGAGACAGAAAATTAACAGGTAATTCATCTGACACTGGAAGAGAAGCTGTAGAAAATG  
 TAAACTTCAGGAGTCTAGGTGATGGCTGTCAACCGATAAGGAAGGTGTCCCAAACTAGGGAATCCAT  
 AAATAAGAACCCTTCTGCTACTGTAACCTCAGCTAAAACATCCAATCAGTTACACTGCACCTTAGGTGTA  
 GAAATTTACCCAAAATTTAGCAGGTGAGGAGGATGCACTCAATCAGACTTCTGAGCAAACTAAGTCTT  
 TGTCATCCAATTTCAATTTGGTTAAAGACTTAGGTGAGGCATACAGAATTCAGTAACAGACAGGCCTGA  
 AACCAGAGAAAATGTCTGCTGATGCTTCGAGGCCATTACTTGAATATGAACCACTACCAGCCATCCA  
 TCATCAAGTCTGCCATTTCCACCATTGATTTTCTGCCACAGATATTGACCGCATTCTCCGTGCTG  
 GCTTTACTTTGAGGAAGCTCTTGGAGCTTGCATCGAGTTGGTGGGAATGCAGACCTGCACCTTCTGT  
 TTTGCTCGAAAAACATCGTAGTTCCTACA

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC217462 representing NM\_006511  
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MSSLPTSDGFNHPARSSGQSPDVGNPMSLARSVSASVCPKIPSDSDRIEPKAVKALKASAQFLNSEKKE  
 HLSLQDLSDHASSADHPTDQSPAMPQNSSEEITVAGNLEKSAERSTQGLKFLHTRQEASLSVTSTRM  
 HEPQMFLGEKDWPENQNLQVSDPQQHEEPGNEQYEVAAQQKASHDQEYLCNIGDLELPEERQQNQHKIV  
 DLEATMKGNLQPNVDPPSAKKSIPSECSGCSNSETFMEIDTAQQSLVTLNSTGRQANANVKNIGALDL  
 TLDNPLMEVETSKCNPSSEILNDSISTQDLQPPEINVEIPGKNKEYGHYSPLCGSCQPSVESAEESCP  
 SITAALKELHELLVYSSKPASENTSEEVICQSETIAEGQTSIKDLSERWTQNEHLTQNEQCPQVVFHQAI  
 SVSVETEKL TGTSSDTGREAVENVNFRSLGDGLSTDKEGVPKSRESINKNRSVTVTSAKTSNQLHCTLGV  
 EISPKLLAGEEDALNQTSEQTKSLSSNFILVKDLGQGIQNSVTRDPETRENVCPDASRPLLEYEPPPTSHF  
 SSSPAILPLIFPATDIDRILRAGFTLQEALGALHRVGGNADLALLVLLAKNIVVPT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

<b>ACCN:</b>	NM_006511
<b>ORF Size:</b>	1851 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F7692
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_006511.1</a>
<b>RefSeq Size:</b>	1854 bp
<b>RefSeq ORF:</b>	1854 bp
<b>Locus ID:</b>	6248
<b>UniProt ID:</b>	<a href="#">Q92681</a>
<b>Cytogenetics:</b>	1p36.21
<b>MW:</b>	66.6 kDa