

## Product datasheet for **RC230152A1V**

### Human CTSA (NM\_001167594) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CTSA (NM_001167594) AAV Particle
Tag:	Myc-DDK
Symbol:	CTSA
Synonyms:	GLB2; GSL; NGBE; PPCA; PPGB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC230152 representing NM\_001167594  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTTCCAGTCCCGGGCCCTCTGGAGAGCAAGGACCGGGGGAGCAGAGATGATCCGAGCCGCGC  
 CGCCGCGCTGTTCTGCTGCTGCTGCTGCTGCTGCTGCTAGTGTCTGGCGTCCCAGGCGAGGCAGC  
 CCCCAGCAGGACGAGATCCAGCGCCTCCCGGGCTGGCCAAGCAGCCGCTTTCCGCCAGTACTCCGGC  
 TACCTCAAAGGCTCCGGCTCCAAGCACCTCCACTACTGGTTTGTGGAGTCCCAGAAGGATCCCGAGAACA  
 GCCCTGTGGTCTTTGGCTCAATGGGGTCCCGGCTGCAGTCACTAGATGGGCTCTCACAGAGCATGG  
 CCCCTTCTGATTGCCAATGTGTATACCTGGAGTCCCAGTGGGGTGGGCTTCTCTACTCCGATGAC  
 AAGTTTTATGCAACTAATGACTGAGGTGCGCCAGAGCAATTTGAGGCCCTCAAGATTTCTCCGCC  
 TCTTCCGGAGTACAAGAACAACAACTTTTCTGACCGGGGAGAGCTATGCTGGCATCTACATCCCAC  
 CCTGGCGTGTGGTCAATGCAGGATCCCAGCATGAACCTTCAGGGGCTGGCTGTGGGCAATGGACTCTCC  
 TCCTATGAGCAGAATGACAACCTCCCTGGTCTACTTTGCCTACTACCATGGCCTTCTGGGGAACAGGCTTT  
 GGTCTTCTCTCAGACCCACTGCTGCTCTCAAAACAAGTGAACCTTCTATGACAACAAAGACCTGGAATG  
 CGTGACCAATCTTCAGGAAGTGGCCCGCATCGTGGGCAACTCTGGCCTCAACATCTACAATCTCTATGCC  
 CCGTGTGCTGGAGGGTGGCCAGCCATTTAGGTATGAGAAGGACACTGTTGTGGTCCAGGATTTGGGCA  
 ACATCTCACTCGCCTGCCACTCAAGCGGATGTGGCATCAGGCACTGCTGCGCTCAGGGGATAAAGTGCC  
 CATGGACCCCCCTGCACCAACAACAGCTGCTTCCACCTACCTCAACAACCCGTACGTGCGGAAGGCC  
 CTCACATCCCGAGCAGCTGCCACAATGGGACATGTGCAACTTCTGGTAAACTTACAGTACCGCCGTC  
 TCTACCGAAGCATGAACTCCAGTATCTGAAGCTGCTTAGCTCACAGAAATACCAGATCTATTATATAA  
 TGGAGATGTAGACATGGCCTGCAATTTTCATGGGGATGAGTGGTTTGTGGATTCCCTCAACCAGAAGATG  
 GAGGTGCAGCGCCGGCCCTGTTAGTGAAGTACGGGGACAGCGGGGAGCAGATTGCCGGCTTCGTGAAGG  
 AGTTCTCCACATCGCCTTTCTCACGATCAAGGGCGCCGGCCACATGGTCCCACCGACAAGCCCTCGC  
 TGCTTACCATGTTCTCCCGCTTCTGAACAAGCAGCCATAC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC230152 representing NM\_001167594  
 Red=Cloning site Green=Tags(s)

MTSSPRAPPGEQGRGGAEMIRAAPPPLLLLLLLLLLVSWASRGEAAPDQDEIQRLPGLAKQPSFRQYSG  
 YLKGSGSKHLHYWFVESQKDPENSPVWLWNGGPGCSSLDGLLTEHGPFLLIANVLYLESPAGVGFYSDD  
 KFYATNDTEVAQSNFEALQDFRFLPEYKNNKFLFTGESYAGIYIPTLAVLMQDPSMNLQGLAVGNLS  
 SYEQNDNSLVYFAYYHLLGNRLWSSLQTHCCSQNKCNFYDNKDLECVTNLQEVARIVGNSGLNIYNLYA  
 PCAGGVPSHFVRYEKDVTVVQDLGNIFTRLPLKRMWHQALLRSGDKVRMDPPCTNTTAASTYLNPNYVRKA  
 LNIPEQLPQWDMCNFLVNLQYRRLYRSMNSQYLKLLSSQYQIILLYNGDVMACNFMGDEWFVDSLQMKM  
 EVQRRPWLVKYGDSGEQIAGFVKEFSHIAFLTIKGAGHMVPTDKPLAAFTMFSRFLNKQPY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001167594

**ORF Size:**

1443 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<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>	<u><a href="#">NM_001167594.1</a></u> , <u><a href="#">NP_001161066.1</a></u>
<b>RefSeq ORF:</b>	1446 bp
<b>Locus ID:</b>	5476
<b>UniProt ID:</b>	<u><a href="#">P10619</a></u>
<b>Cytogenetics:</b>	20q13.12
<b>MW:</b>	54.7 kDa