

## Product datasheet for **RC200224A1V**

### Human Malignant T cell amplified sequence 1 (MCTS1) (NM\_014060) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Malignant T cell amplified sequence 1 (MCTS1) (NM\_014060) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Malignant T cell amplified sequence 1  
**Synonyms:** MCT-1; MCT1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC200224 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTCAAGAAATTTGATGAAAAAGAAATGTGTCCAACATGCATCCAGTTGAAAACCTCAGTTATTAAGG  
GTATTAAGAATCAATTGATAGAGCAATTTCCAGGTATTGAACCATGGCTTAATCAAATCATGCCTAAGAA  
AGATCCTGTCAAATAGTCCGATGCCATGAACATATAGAAATCCTTACAGTAAATGGAGAATTACTCTTT  
TTTAGACAAAGAGAAGGGCCTTTTATCCAACCTAAGATTACTTCACAAATATCCTTTTATCCTGCCAC  
ACCAGCAGGTTGATAAAGGAGCCATCAAATTTGACTCAGTGGAGCAAATATCATGTGTCCAGGCTTAAC  
TTCTCCTGGAGCTAAGCTTTACCCTGCTGCAGTAGATACCATTTGTTGCTATCATGGCAGAAGGAAAAACAG  
CATGCTCTATGTGTTGGAGTCATGAAGATGTCTGCAGAAGACATTGAGAAAGTCAACAAAGGAATTGGCA  
TTGAAATATCCATTATTTAAATGATGGGCTGTGGCATATGAAGACATATAAA

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC200224 protein sequence  
Red=Cloning site Green=Tags(s)  
MFKKFDEKENVSNICQLKTSVIKGIKNQLIEQFPGIEPWLNQIMPKDPVKIVRCHEHIEILTVNGELLF  
FRQREGPFYPTLRLHLKYPFILPHQQVDKGAIKFVLSGANIMCPGLTSPGAKLYPAAVDTIVAIMAEGKQ  
HALCVGVMKMSAEDIEKVNKGIGIENIHYLNDGLWHMKTYK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2



[View online »](#)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_014060                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 543 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><a href="#">NM_014060.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 9805 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 546 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 28985                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u><a href="#">Q9ULC4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | Xq24                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:           | 20.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |