

## Product datasheet for **RC202748A1V**

### Human Metallothionein (MT2A) (NM\_005953) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Metallothionein (MT2A) (NM\_005953) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Metallothionein  
**Synonyms:** MT-2; MT-II; MT2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC202748 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

**ATGGATCCCAACTGCTCCTGCGCCGCCGGTGACTCCTGCACCTGCGCCGGCTCCTGCAAATGCAAAGAGT**  
**GCAAATGCACCTCCTGCAAGAAAAGCTGCTGCTCCTGCTGCCCTGTGGGCTGTGCCAAGTGTGCCAGGG**  
**CTGCATCTGCAAAGGGGCGTCGGACAAGTGCAGCTGCTGCGCC**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC202748 protein sequence  
 Red=Cloning site Green=Tags(s)  
 MDPNCSAAGDSCTCAGSCKCKECKCTSCKKSCCSCPVGCAKCAQGCICKGASDKCSCCA  
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_005953  
**ORF Size:** 183 bp  
**Buffer:** PBS with 0.001% Pluronic F68



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**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\\_005953.2](#)

**RefSeq Size:** 466 bp

**RefSeq ORF:** 186 bp

**Locus ID:** 4502

**UniProt ID:** [P02795](#)

**Cytogenetics:** 16q13

**MW:** 6 kDa