

## Product datasheet for **MR209211A1V**

### Mouse Ctps (NM\_016748) AAV Particle

#### Product data:

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Type:             | AAV Particles                       |
| Product Name:             | Mouse Ctps (NM_016748) AAV Particle |
| Tag:                      | Myc-DDK                             |
| Symbol:                   | Ctps                                |
| Synonyms:                 | Ctps1                               |
| Mammalian Cell Selection: | None                                |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)          |



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**ORF Nucleotide  
Sequence:**

>MR209211 representing NM\_016748  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGTACATTCTAGTTACTGGTGGTGTATATCAGGAATTGGAAAAGGAGTCATCGCCAGCAGTGTGG  
 GCACAATACTTAAATCATGTGGCTTACATGTAACATCAATTAAGATTGACCCCTATATTAACATTGATGC  
 AGGAACATTCTCTCTTATGAACATGGAGAAGTCTTTGTGCTGGATGATGGTGGAGAAGTTGACCTTGAC  
 TTGGGAAATTATGAGCGATTCTTGATATCCGCTCACCAAGGACAATAATCTGACCACAGGGAAGATAT  
 ACCAGTACGTCATTAACAAGGAGCGCAAAGGGGATTACTTAGGGAAGACTGTCCAGGTTGTCCCTCACAT  
 CACTGATGCAATCCAAGAGTGGGTGATGAGACAGGCATTAATACCCGTAGACGAAGATGGCTTAGAACCT  
 CAAGTGTGTGTTATTGAGCTTGGTGGCACAGTGGGAGACATTGAAAGCATGCCCTTCATTGAGGCCTTCC  
 GCCAGTTCAGTTCAAGGTCAAGAGGGAAAACTTTGTAAATATCCATGTCAGTCTGGTTCTCAGCCAAG  
 TTCAACAGGGGAACAGAAGACAAAACCCACCCAGAAGTGTTCGGGAACCTAGAGGACTCGGGCTTTCT  
 CCAGACTTAGTGGTGTGACAGGTCTCAAATCCTCTTGACACATCTGTGAAAGAGAAAAATATCAATGTTTT  
 GCCATGTGGAACCTGAACAAGTATCTGTGTTTATGATGTTTCATCCATCTACCGGTACCCCTGTTGTT  
 AGAAGAGCAAGGGGTTGTAGACTACTTTCTCGGAGACTTGACCTTCCTATTGAGAGACAGTCACGAAAG  
 ATGCTGATGAAATGGAAGAGATGGCAGACAGGTATGACCGCTTGCTGGAGACCTGCTCGATCGCTCTTG  
 TGGGCAATACACCAATTCTCAGACTCGTACGCCTCTGTCAATTAAGCGCTAGAGCACTCTGCATTGGC  
 CATTAAACCACAAGCTGGAGATCAAGTACATCGATTCCACAGACCTGGAGCCAAGTACCCTGCAGGAAGAG  
 CCTGTGCGCTACCATGAGGCATGGCAGAAGCTCTGCAGTGTCTATGGAGTGTGGTTCCAGGAGGATTTG  
 GTGTTTCGGGGAACAGAAGGAAAAATTCAGCAATTGCTTGGGCTCGGAAACAGAAGAAGCCTTTTTTGGG  
 TGTGTGCTTAGGAATGCAGCTAGCAGTGGTAGAATTTTCAAGAAATGTGCTGGGATGGCAAGATGCCAAT  
 TCTACAGAGTTTGACCCCAAGACTAGTACCCTGTGGTTATAGACATGCCAGAACATAACCCTGGGCAAA  
 TGGGTGGAACCATGAGGCTGGGCAAGAGGAGAACCCTGTTCCAGACCAAGAACTCAGTCATGAGGAACT  
 CTATGGAGACACAGACTACTTGAAGAAAGGCACCGCCACCGATTGAGGTGAACCCAGTCTGAAAAAG  
 TGCTTGAAGAGCAAGGCTTGAAGTTCGTTGGCCAAGATGTGGAAGGCGAGAGGATGGAGATCGTGGAGT  
 TGGAAGATCATCCATTTTTTGTGGAGTGCAGTATACCCCGAGTTCCTGTCCAGGCCTATCAAGCCCTC  
 CCCACCCTACTTTGGCCTCCTCCTGGCCTCTGTGGGGCGGCTCCACATTACCTTCAGAAAGTTGCCGG  
 CTCTCACCCAGGACACTTACAGTGACAGAAGCGGGAGCAGCTCCCCGACTCGGAAATCACTGAAGTCA  
 AGTTTCCATCAATAAGTCAGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209211 representing NM\_016748  
 Red=Cloning site Green=Tags(s)

MKYILVTGGVISGIGKGVIASSVGTILKSCGLHVTSIKIDPYINIDAGTFSPYEHGEVFLDDGGEVDLD  
 LGNYERFLDIRLTKDNNLTGKIYQYVINKERKGDYLGKTVQVVPHTDAIQEWVMRQALIPVDEDGLEP  
 QVCVIELGGTVGDIEMPFIEAFRQFQFKVKRENFCNIHVSLVPQPSSTGEQKTKPTQNSVRELRLGLS  
 PDLVVCRCNSPLDTSVKEKISMFCHEVEPEQVICVHDVSSIYRVPLLLLEEQGVVDYFLRRLDLPIERQSRK  
 MLMKWKEMADRYDRLLTCSIALVGKYTKFSDSYASVIKALEHSALAINHLEIKYIDSTDLEPSTLQEE  
 PVRYHEAWQKLCSAHGVLVPGFGVVRGTEGKIQAIAWARKQKKPFLGVCLGMQLAVVEFSRNVLGWQDAN  
 STEFDPKTSHPVVIDMPEHNPGQMGGMRLGKRRTLFTQKNSVMRKL YGDTDYLEERHRHREFVNPVLKK  
 CLEEQLKFVGDVEGERMEIVELEDHPFFVGVQYHPEFLSRPIKPSPPYFGLLLASVGRPLPHYLQKGCGR  
 LSPRDTYSRSGSSPDSEITELKFPSISQD

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_016748                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 1773 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F327                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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_016748.2</a></u> , <u><a href="#">NP_058028.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>  | 2726 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1776 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 51797                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">P70698</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 4 56.52 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW:</b>           | 67.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |