

Product datasheet for **RC210235A1V**

Human MMP3 (NM_002422) AAV Particle

Product data:

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|---------------------------|---------------------------------------|
| Product Type: | AAV Particles |
| Product Name: | Human MMP3 (NM_002422) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | MMP3 |
| Synonyms: | CHDS6; MMP-3; SL-1; STMY; STMY1; STR1 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC210235 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGAGTCTTCCAATCCTACTGTTGCTGTGCGTGGCAGTTTGCTCAGCCTATCCATTGGATGGAGCTG
 CAAGGGGTGAGGACACCAGCATGAACCTTGTTCCAGAAATATCTAGAAACTACTACGACCTCGAAAAAGA
 TGTGAAACAGTTTGTAGGAGAAAGGACAGTGGTCTGTTGTTAAAAAATCCGAGAAATGCAGAAGTTC
 CTTGGATTGGAGGTGACGGGAAAGCTGGACTCCGACACTCTGGAGGTGATGCGCAAGCCAGGTGTGGAG
 TTCCTGACGTTGGTCACTTCAGAACCTTCTGGCATCCCGAAGTGGAGGAAAACCCACCTTACATACAG
 GATTGTGAATTACACCAGATTTGCCAAAAGATGCTGTTGATTCTGCTGTTGAGAAAGCTCTGAAAGTC
 TGGGAAGAGGTGACTCCACTCACATTCTCCAGGCTGTATGAAGGAGAGGCTGATATAATGATCTCTTTTG
 CAGTTAGAGAACATGGAGACTTTTACCCTTTTGTATGGACTGGAAATGTTTTGGCCCATGCCTATGCCCC
 TGGGCCAGGGATTAATGGAGATGCCACTTTGATGATGATGAACAATGGACAAAGGATACAACAGGGACC
 AATTTATTTCTGTTGCTGCTCATGAAATTGGCCACTCCCTGGGTCTCTTCACTCAGCCAACTGAAG
 CTTTGATGTACCACTCTATCACTCACTCACAGACCTGACTCGGTTCCGCTGTCTCAAGATGATATAAA
 TGGCATTAGTCCCTCTATGGACCTCCCCTGACTCCCCTGAGACCCCTGGTACCCACGGAACCTGTC
 CCTCCAGAACCTGGGACGCCAGCCAACCTGTGATCCTGCTTTGCTTTGATGCTGTGACACTCTGAGGG
 GAGAAATCCTGATCTTTAAAGACAGGCACTTTTGGCGCAAATCCCTCAGGAAGCTTGAACCTGAATTGCA
 TTTGATCTCTTCAATTTGGCCATCTCTTCTTCAGGCGTGGATGCCGCATATGAAGTTACTAGCAAGGAC
 CTCGTTTTCATTTTTAAAGGAAATCAATCTGGGCCATCAGAGGAAATGAGGTACGAGCTGGATACCCAA
 GAGGCACTCCACACCCTAGGTTTCCCTCCAACCTGAGGAAAATCGATGCAGCCATTTCTGATAAGGAAA
 GAACAAAACATATTTCTTTGTAGAGGACAAATCTGGAGATTTGATGAGAAGAGAAATCCATGGAGCCA
 GGCTTTCCCAAGCAAATAGTGAAGACTTTCCAGGATTGACTCAAAGATTGATGCTGTTTTTGAAGAAT
 TTGGGTTCTTTTATTTCTTTACTGGATCTTACAGTTGGAGTTTGACCCAAATGCAAAGAAAGTGACACA
 CACTTTGAAGAGTAACAGCTGGCTTAATTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210235 protein sequence
 Red=Cloning site Green=Tags(s)

MKSLPILLLLCVAVCSAYPLDGAARGEDTSMNLVQKYLENYDLEKDVQFVRRKDSGPVVKIEMQKF
 LGLEVTGKLDSDTLEVMRKPRCGVPDVGHFRTPGIPKWRKTHLYRIVNYTPDLPKDAVDSAVEKALKV
 WEEVTPLTFSRLYEGEADIMISFAVREHGFYFPDGPVNLAHAYAPGPGINGDAHFDDDEQWTKDTTGT
 NLFLVAAHEIGHSLGLFHSANTEALMYPLYHSLTDLTRFRLSQDDINGIQSLYGGPPDPSPETPLVPTEPV
 PPEPGTPANCDPALSFDAVSTLRGEILIFKDRHFWRKSLRKLEPELHLISSFWPSLPSGVDAAYEVTSKD
 LVFIFKGNQFWAIRGNEVRAGYPRGIHTLGFPPTVRKIDAAISDKEKNKTYFFVEDKYWRFDEKRNSMEP
 GFPKQIAEDFPIDSKIDAVFEFFGFFYFFTGSSQLEFPNAKKVTHLTKNSWLNK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002422

ORF Size:

1431 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: | <u>NM_002422.3</u> |
| RefSeq Size: | 1828 bp |
| RefSeq ORF: | 1434 bp |
| Locus ID: | 4314 |
| UniProt ID: | <u>P08254</u> |
| Cytogenetics: | 11q22.2 |
| MW: | 54 kDa |