

## Product datasheet for **RC224156A1V**

### Human MMP13 (NM\_002427) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human MMP13 (NM_002427) AAV Particle
Tag:	Myc-DDK
Symbol:	MMP13
Synonyms:	CLG3; MANDP1; MDST; MMP-13
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC224156 representing NM\_002427  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCATCCAGGGTCTGGCTGCCTTCTCTTCTTGTAGCTGGACTCATTGTGGGCCCTGCCCTTCCCA  
 GTGGTGGTGAAGATGATTTGTCTGAGGAAGACCTCCAGTTTGCAGAGCGCTACCTGAGATCATACTA  
 CCATCCTACAAATCTCGCGGAATCCTGAAGGAGAATGCAGCAAGCTCCATGACTGAGAGGCTCCGAGAA  
 ATGCAGCTTTTCTCGGCTTAGAGGTGACTGGCAAACCTGACGATAACACCTTAGATGTCATGAAAAAGC  
 CAAGATGCGGGTTCCTGATGTGGTGAATAAATGTTTTCCCTCGAACTCTTAAATGGTCCAAAATGAA  
 TTTAACCTACAGAATTGTGAATTACACCCTGATGACTCATTCTGAAGTCGAAAAGGCATTCAAAAA  
 GCCTTCAAAGTTTGGTCCGATGTAACCTCTGAATTTACCAGACTTCACGATGGCATTGCTGACATCA  
 TGATCTCTTTTGAATTAAGGAGCATGGCGACTTCTACCCATTTGATGGGCCCTCTGGCCTGCTGGCTCA  
 TGCTTTTCTCTGGCCAAATTATGGAGGAGATGCCCATTTTGTGATGATGAAACCTGGACAAGTAGT  
 TCCAAAGGCTACAACCTGTTTCTGTTGCTGCGCATGAGTTCCGGCCACTCTTAGGTCTTGACCCTCCA  
 AGGACCTGGAGCACTCATGTTTCTATCTACACCTACACCGCAAAAAGCCACTTTATGTTCTCTGATGA  
 CGATGTACAAGGGATCCAGTCTCTATGGTCCAGGAGATGAAGACCCCAACCCTAAACATCCAAAAACG  
 CCAGACAAATGTACCCTTCTTATCCCTTGTGACCATACCAGTCTCCGAGGAGAAACAATGATCTTTA  
 AAGACAGATTCTTCTGGCGCCTGCATCCTCAGCAGGTTGATGCGGAGCTGTTTTAACGAAATCATTTTG  
 GCCAGAACTTCCCAACCGTATTGATGCTGCATATGAGCACCTTCTCATGACCTCATCTTCATCTCAGA  
 GGTAGAAAAATTTGGGCTCTTAATGGTTATGACATTCTGGAAGTTATCCAAAAAATATCTGAACCTGG  
 GTCTTCCAAAAGAAGTTAAGAAGATAAGTGCAGCTGTTCACTTTGAGGATACAGGCAAGACTCTCTGT  
 CTCAGGAAACCAGGTCTGGAGATATGATGATACTAACCATATTATGGATAAAGACTATCCGAGACTAATA  
 GAAGAAGACTTCCAGGAATTGGTGATAAAGTAGATGCTGCTATGAGAAAAATGGTTATATCTATTTTT  
 TCAACGGACCCATACAGTTTGAATACAGCATCTGGAGTAACCGTATTGTTGCGCTCATGCCAGCAAATTC  
 CATTTTGTGGTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC224156 representing NM\_002427  
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MHPGVLAFLFLSWTHCRALPLPSGGEDDLSEEDLQFAERYLRSYYHPTNLAGILKENAASSMTERLRE  
 MQSFFGLEVTGKLDNTLDVMKKPRCGVPDVG EYNVFPRTLKWSKMNLTYRIVNYTPDMTHSEVEKAFKK  
 AFKVVSDVTPNFRHLHDGIADIMISFGIKEHGDFYFPDGP SGLLAHAFPPGPNYGGDAHFDDDETWTSS  
 SKGYNFLVAAHEFGHSLGLDHSKDPGALMFPIYTYTGKSHFMLPDDDVQGIQSLYGPGEDEPNPKHPKT  
 PDKCDPSLSLDAITSLRGETMIFKDRFFWRLHPQQVDAELFLTKSFWPELPNRIDAAYEHP SHDLIFIFR  
 GRKFWALNGYDILEGYPKKISELGLPKEVKKISA AVHFEDTGKLLFSGNQVWRYDDTNHIMDKDYPRLI  
 EEDFPGIGDKVDAVYEKNGYIYFFNGPIQFEYSIWSNRIVRVMPANSILWC

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_002427

**ORF Size:**

1413 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_002427.2</a></u>
<b>RefSeq Size:</b>	2722 bp
<b>RefSeq ORF:</b>	1416 bp
<b>Locus ID:</b>	4322
<b>UniProt ID:</b>	<u><a href="#">P45452</a></u>
<b>Cytogenetics:</b>	11q22.2
<b>MW:</b>	53.82 kDa