

Product datasheet for **RC223246A1V**

Human MMP12 (NM_002426) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MMP12 (NM_002426) AAV Particle
Tag:	Myc-DDK
Symbol:	MMP12
Synonyms:	HME; ME; MME; MMP-12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223246 representing NM_002426
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTTTCTTCTAATACTGCTCCTGCAGGCCACTGCTTCTGGAGCTCTTCCCCTGAACAGCTCTACAA
 GCCTGGAAAAAATAATGTGCTATTTGGTGAAAGATACTTAGAAAAATTTATGGCCTTGAGATAAACAA
 ACTTCCAGTGACAAAAATGAAATATAGTGGAACTTAATGAAGGAAAAATCCAAGAAATGCAGCACTTC
 TTGGGTCTGAAAGTGACCGGGCAACTGGACACATCTACCCTGGAGATGATGCACGCACCTCGATGTGGAG
 TCCCCGATGTCCATCATTTAGGGAAATGCCAGGGGGCCCGTATGGAGGAAACATTATACACCTACAG
 AATCAATAATTACACACCTGACATGAACCGTGAGGATGTTGACTACGCAATCCGGAAGCTTTCCAAGTA
 TGGAGTAATGTTACCCCTTGAAATTCAGCAAGATTAAACACAGGCATGGCTGACATTTTGGTGGTTTTTG
 CCCGTGGAGCTCATGGAGACTTCCATGCTTTTGATGGCAAAGGTGGAATCCTAGCCCATGCTTTTGGACC
 TGGATCTGGCATTGGAGGGGATGCACATTTGATGAGGACGAATTCGGACTACACATTCAGGAGGCACA
 AACTTGTTCCTCACTGCTGTTACAGAGATTGGCCATTCTTAGGTCTTGCCATTCTAGTGATCCAAAGG
 CCGTAATGTTCCCCACCTACAAATATGTTGACATCAACACATTTGCGCTCTCTGCTGATGACATACGTGG
 CATTCACTCCCTGTATGGAGACCCAAAAGAGAACAACGCTTGCCAAATCCTGACAAATCAGAACCAGCT
 CTCTGTGACCCCAATTTGAGTTTTGATGCTGTCACTACCGTGGGAAATAAGATCTTTTCTTCAAAGACA
 GGTTCTTCTGGCTGAAGGTTTCTGAGAGACCAAGACCAAGTGTAAATTTAATTTCTTCTATGGCCAAC
 CTTGCCATCTGGCATTGAAGCTGCTTATGAAATTGAAGCCAGAAATCAAGTTTTCTTTTAAAGATGAC
 AAATACTGGTTAATTAGCAATTAAGACCAGAGCCAAATATCCCAAGAGCATACTCTTTTGGTTTTCT
 CTAACCTTTGTGAAAAAATTGATGCAGCTGTTTTTAACCCACGTTTTTATAGGACCTACTCTTTGTAGA
 TAACCACTATTGGAGGTATGATGAAAGGAGACAGATGATGGACCCTGGTTATCCCAAACTGATTACCAAG
 AACTTCCAAGGAATCGGGCCTAAAATTGATGCAGTCTTCTACTCTAAAAACAAATACTACTATTTCTTCC
 AAGGATCTAACCAATTTGAATATGACTTCTACTCCAACGTATCACCAAAACACTGAAAAGCAATAGCTG
 GTTTGGTTGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223246 representing NM_002426
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MKFLILLLLQATASGALPLNSSTSLKNNVLFGERYLEKFYGLEINKLPVTKMKYSGNLMKEKIQEMQHF
 LGLKVTGQLDTSTLEMMHAPRCGVPDVHHFREMPGGPVWRKHVITYRINNYTPDMNREDVDYAIRKAFQV
 WSNVTPLKFSKINTGMADILVVFARGAHGDFHAFDGGKILAHAFGPSGIGGDAHFEDEFWTHSGGT
 NLFLTAVHEIGHSLGLGHSSDPKAVMFPTYKYVDINTFRLSADDIRGIQSLYGDPKENQRLPNPDNSEPA
 LCDPNLSFDAVTTVGNKIFFFKDRFFWLKVSRPKTSVNLISLWPTLPSGIEAAEIEARNQVFLFKDD
 KYWLISNLRPEPNYPKSIHSFGFPNFVKIDAAVFNPRFYRTYFFVDNQWRYDERRQMDPGYPKLITK
 NFQGIGPKIDAVFYSKNKYYYFFQGSNQFEYDFLLQRITKTLKSNSWFGC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002426

ORF Size:

1410 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>NM_002426.2</u>
RefSeq Size:	1825 bp
RefSeq ORF:	1413 bp
Locus ID:	4321
UniProt ID:	<u>P39900</u>
Cytogenetics:	11q22.2
MW:	54 kDa