

Product datasheet for **RC200453A1V**

Human MMP10 (NM_002425) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MMP10 (NM_002425) AAV Particle
Tag:	Myc-DDK
Symbol:	MMP10
Synonyms:	SL-2; STMY2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200453 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCATCTTGCATTCTTGTGCTGTGTGTCTGCCAGTCTGCTCTGCCTATCCTCTGAGTGGGGCAG
 CAAAAGAGGAGGACTCCAACAAGGATCTTGCCAGCAATACCTAGAAAAGTACTACAACCTCGAAAAGGA
 TGTGAAACAGTTTAGAAGAAAGGACAGTAATCTCATTGTTAAAAAATCCAAGGAATGCAGAAGTTCCTT
 GGGTTGGAGGTGACAGGGAAGCTAGACACTGACACTCTGGAGGTGATGCGCAAGCCAGGTGTGGAGTTC
 CTGACGTTGGTCACTTCACTCCTTTCTGGCATGCCGAAGTGGAGGAAAACCCACCTTACATACAGGAT
 TGTGAATTATACACCAGATTTGCCAAGAGATGCTGTTGATTCTGCCATTGAGAAAAGCTCTGAAAGTCTGG
 GAAGAGGTGACTCCACTCACATTCTCCAGGCTGTATGAAGGAGAGGCTGATATAATGATCTCTTTTGCAG
 TTAAGAACATGGAGACTTTTACTCTTTTATGATGGCCAGGACACAGTTTGGCTCATGCCTACCCACCTGG
 ACCTGGGCTTTATGGAGATTTCACTTTGATGATGATGAAAAATGGACAGAAGATGCATCAGGCACCAAT
 TTATTCCTCGTTGCTGCTCATGAACTTGGCCACTCCCTGGGGCTTTTCACTCAGCCAACACTGAAGCTT
 TGATGTACCCACTCTACAACCTATTACAGAGCTCGCCAGTTCGGCCTTTCGCAAGATGATGTGAATGG
 CATTCACTCTCTACGGACCTCCCCCTGCCTCTACTGAGGAACCCCTGGTGCCCAAAAATCTGTTCTCT
 TCGGGATCTGAGATGCCAGCCAAGTGTGATCCTGCTTTGCTTTCGATGCCATCAGCACTCTGAGGGGAG
 AATATCTGTTCTTTAAAGACAGATATTTTTGGCGAAGATCCCCTGGAACCTGAACCTGAATTTCAATTT
 GATTTCTGCATTTTGGCCCTCTTCCATCATATTTGGATGCTGCATATGAAGTTAACAGCAGGGACACC
 GTTTTATTTTTAAAGGAAATGAGTTCTGGGCCATCAGAGGAAATGAGGTACAAGCAGGTTATCCAAGAG
 GCATCCATACCTGGGTTTTCTCCAACCATAAGGAAAATTGATGCAGCTGTTTCTGACAAGGAAAAGAA
 GAAAACATACTTCTTTGAGCAGCGACAAAATACTGGAGATTTGATGAAAATAGCCAGTCCATGGAGCAAGGC
 TTCCCTAGACTAATAGCTGATGACTTTCCAGGAGTTGAGCCTAAGGTTGATGCTGTATTACAGGCATTTG
 GATTTTTCTACTTCTTCACTGGATCATCACAGTTTGGTTGACCCCAATGCCAGGATGGTGACACACAT
 ATTAAGAGTAACAGCTGGTTACATTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200453 protein sequence
 Red=Cloning site Green=Tags(s)

MMHLAFLVLLCLPVCSAYPLSGAAKEEDSNKDLAQQYLEKYNNLEKDVKQFRRKDSNLIYKKIQGMQKFL
 GLEVTGKLDTDLEVMRKPRCGVPDVGHFSSFPMPKWRKTHLTYRIVNYTPDLPRDAVDSAIEKALKVW
 EEVTPLTFSRLYEGEADIMISFAVKEHGFYSFDGPGHSLAHAYPPGPLYGDIHFDDDEKWTEDASGTN
 LFLVAHELGHSLGLFHSANTEALMYPLYSFTELAQFRLSQDDVNGIQSLYGPPTASTEEPLVPTKSVP
 SGSEMPAKCDPALSFDAISTLRGEYLFFKDRYFWRSSHWNPEPEFHLISAFWPSLPSYLDAAAYEVNSRDT
 VFIFKGFNEFWAIRGNEVQAGYPRGIHTLGFPPPTIRKIDAAVSDKEKKTYFFAADKYWRFDENSQSMEQG
 FPRLIADDFPGVEPKVDAVLQAFGFYFFSGSSQFEFDPNARMVTHILKSNSWLHC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002425

ORF Size:

1428 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_002425.1</u>
RefSeq Size:	1777 bp
RefSeq ORF:	1431 bp
Locus ID:	4319
UniProt ID:	<u>P09238</u>
Cytogenetics:	11q22.2
MW:	54.2 kDa