

Product datasheet for **RC208917A1V**

Human MMP14 (NM_004995) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MMP14 (NM_004995) AAV Particle
Tag:	Myc-DDK
Symbol:	MMP14
Synonyms:	MMP-14; MMP-X1; MT-MMP; MT-MMP 1; MT1-MMP; MT1MMP; MTMMP1; WNCHRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

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>RC208917 representing NM_004995
Red=Cloning site Blue=ORF Green=Tags(s)
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TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGTCCTCCCGCCCAAGACCCCCCGTTGTCTCTGCTCCCCCTGCTCAGCTCGGCACCGCGCTCGCCT
CCCTCGGCTCGGCCAAAGCAGCAGCTTCAGCCCCGAAGCCTGGCTACAGCAATATGGCTACCTGCCTCC
CGGGGACCTACGTACCCACACACAGCGCTACCCCACTACTCTCAGCGGCCATCGCTGCCATGCAGAAG
TTTTACGGCTTGCAAGTAACAGGCAAAGCTGATGCAGACACCATGAAGGCCATGAGGCGCCCCGATGTG
GTGTTCCAGACAAGTTTGGGGTGAGATCAAGGCCAATGTTGAAGGAAGCGCTACGCCATCCAGGGTC
CAATATGGCAACATAATGAAATCACTTTCTGCATCCAGAATTACACCCCCAAGTGGGCGAGTATGCCACA
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TCCTGGTGGCTGTGCACGAGCTGGGCCATGCCCTGGGGCTCGAGCATTCCAGTGACCCCTCGGCCATCAT
GGCACCCTTTTACCAAGTGGATGGACACGGAGAATTTTGTGCTGCCCGATGATGACCGCGGGGCATCCAG
CAACTTTATGGGGGTGAGTCAGGGTTCGCCACCAAGATGCCCCCTCAACCCAGGACTACCTCCCGGCTT
CTGTTCTGTATAAACCCAAAAACCCACCTATGGGCCAACATCTGTGACGGGAACCTTTGACACCGTGGC
CATGCTCCGAGGGGAGATGTTTGTCTTCAAGGAGCGTGTTTCTGGCGGGTGAGGAATAACCAAGTGATG
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TGGCTACCCCAAGCACATTAAGGAGCTGGGCCGAGGGCTGCCTACCGACAAGATTGATGCTGCTCTCTT
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CATGGGCAGCGATGAAGTCTTCACTTACTTCTACAAGGGGAACAATACTGGAATTTCAACAACCGAAG
CTGAAGGTAGAACC GGCTACCCCAAGTCAGCCCTGAGGGACTGGATGGGCTGCCCATCGGAGAGCCGGC
CGGATGAGGGGACTGAGGAGGAGACGGAGGTGATCATCATTGAGGTGGACGAGGAGGGCGCGGGGCGGT
GAGCGCGGCTGCCGTGGTGCTGCCGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT
TTCTTCAGACGCCATGGGACCCCAAGGCGACTGCTCTACTGCCAGCGTTCCCTGCTGGACAAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208917 representing NM_004995
Red=Cloning site Green=Tags(s)

MSPAPRPPRCLLLPLLTLGTALASLSQAQSSSFPEAWLQQYGYLPPGDLRTHTRQSPQSLAAIAAMQK
FYGLQVTGKADADTMKAMRRPCGVPDKFGAEIKANVRRKRYAIQGLKWQHNEITFCIQNYTPKVGEYAT
YEAIRKAFRVWESATPLRFREVPYAYIREGHEKQADIMIFFAEGFHGDSTPFDGEGGFLAHAYFPGPNIG
GDTHFDSAEPWTVRNEDLNGNDIFLVAVHELGHALGLEHSSDPSAIMAPFYQWMDTENFVLPDDRRGIQ
QLYGGESGFPTKMPPQPRTTSRPSVPDKPKNPTYGPNICDGNFDTVAMLRGEMFVKERWFWVRNRNQVM
DGYPMPIQGFWRGLPASINTAYERKDGKVFVFKGDKHWVFDEASLEPGYPKHikelGRGLPTDKIDAALF
WMPNGKTYFVRGNKYRFNEELRAVDSEYPKNIKVWEGIPESPRGSFMGSDEVFTYFYKGNKYWKFNQK
LKVEPGYPKSALRDWMGCPSGGRPDEGTEETEVIIEVDEEGGAVSAAAVVLPVLLLLVLAVGLAVF
FFRRHGTPRRLLYCQSLLDKV

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_004995
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F6345
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_004995.2</u>
RefSeq Size:	3558 bp
RefSeq ORF:	1749 bp
Locus ID:	4323
UniProt ID:	<u>P50281</u>
Cytogenetics:	14q11.2
MW:	65.89 kDa