

Product datasheet for **RC210199A1V**

Human MMP16 (NM_005941) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MMP16 (NM_005941) AAV Particle
Tag:	Myc-DDK
Symbol:	MMP16
Synonyms:	C8orf57; MMP-X2; MT-MMP2; MT-MMP3; MT3-MMP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210199 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATCTTACTCACATTCAGCACTGGAAGACGGTTGGATTTCTGTCATCATTGCGGGGTGTTTTCTTGC
 AAACCTTGCTTTGGATTTTATGTGCTACAGTCTGCGGAACGGAGCAGTATTTCAATGTGGAGGTTTGGTT
 ACAAAGTACGGCTACCTTCCACCGACTGACCCAGAATGTCACTGCTGCGCTCTGCAGAGACCATGCAG
 TCTGCCCTAGCTGCCATGCAGCAGTTCTATGGCATTAAACATGACAGGAAAAGTGACAGAAAACAAATTG
 ACTGGATGAAGAAGCCCCGATGCGGTGTACCTGACCAGACAAGAGGTAGCTCCAAATTTTCAATTCGTCG
 AAAGCGATATGCATTGACAGGACAGAAATGGCAGCACAAGCACATCACTTACAGTATAAAGAACGTAAC
 CCAAAGTAGGAGACCCTGAGACTCGTAAAGCTATTCGCCGTGCCTTTGATGTGTGGCAGAATGTAAC
 CTCTGACATTTGAAGAAGTTCCCTACAGTGAATTAGAAAATGGCAAACGTGATGTGGATATAACCATAT
 TTTTGCATCTGGTTTCCATGGGGACAGCTCTCCCTTTGATGGAGAGGGAGGATTTTGGCACATGCCTAC
 TTCCCTGGACCAGGAATTGGAGGAGATACCCATTTTACTCAGATGAGCCATGGACACTAGGAAATCCTA
 ATCATGATGGAATGACTTATTTCTGTAGCAGTCCATGAACTGGGACATGCTCTGGGATTGGAGCATTC
 CAATGACCCCACTGCCATCATGGCTCCATTTTACCAGTACATGGAAACAGACAACCTTCAAACCTACCTAAT
 GATGATTTACAGGGCATCCAGAAGATATATGGTCCACCTGACAAGATTCTCCACCTACAAGACCTCTAC
 CGACAGTGGCCCCACACCGCTCTATTCCTCCGGCTGACCAAGGAAAAATGACAGGCCAAAACCTCTCG
 GCCTCCAACCGGCAGACCCTCTATCCCGGAGCCAAACCAACATCTGTGATGGGAACTTTAACTCTA
 GCTATTTCTGTCGTGAGATGTTTGTCTTAAAGGTAACAAATATTGGGTGTTCAAGGATACAACCTCTCAA
 CCTGGTTACCCTCATGACTTGATAACCTTGGAAAGTGAATTCCTCCATGGTATTGATTACAGCCATTT
 GGTGGGAGGACGTCGGGAAAACCTATTTCTTCAAGGGAGACAGATATTGGAGATATAGTGAAGAAATGAA
 ACAAATGGACCCTGGCTATCCCAAGCCAATCACAGTCTGGAAAGGGATCCCTGAATCTCCTCAGGAGCA
 TTTGTACACAAAGAAAATGGCTTTACGTATTTCTACAAAGGAAAGGAGTATTGGAATTCACAAACCAGA
 TACTCAAGGTAGAACCTGGATATCCAAGATCCATCCTCAAGGATTTTATGGGCTGTGATGGACCAACAGA
 CAGAGTTAAAGAAGGACACAGCCACCAGATGATGTAGACATTGTCATCAAACCTGGACAACACAGCCAGC
 ACTGTGAAAGCCATAGCTATTGTCATTCCCTGCATCTTGGCCTTATGCCTCCTTGTATTGTTTACTG
 TGTTCCAGTTCAGAGGAAAGGAACACCCCGCCACATACTGTACTGTAAACGCTCTATGCAAGAGTGGGT
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210199 protein sequence
 Red=Cloning site Green=Tags(s)

MILLTFSTGRRLDVHVHSGVFFLQTLWILCATVCGTEQYFNVEVWLQKYGYLPPTDPRMSVLRSAETMQ
 SALAAMQQFYGINMTGKVDNRTIDWMKKPRCGVPDQTRGSSKFHIRRKRYALTGQKWQHKHITYSIKNT
 PKVGPDPETRAIRRAFDVWQNVPLTFEEVPYSELENGKRDVDITIIIFASGFHGDSSPFDGEGFLAHAY
 FPGPGIGGDTHFDSDEPWTLGPNHNDGNDLFLVAVHELGHALGLEHSDNPTAIMAPFYQYMETDNFKLPN
 DDLQGIQKIYGPPDKIPPTRPLTPVPHRSIPPADPRKNDRPKPPRPPTGRPSYPGAKPNICDGNFNTL
 AILRREMFVFKDQWFWVRNRRVMDGYPMQITYFWRGLPPSIDAVYENSNGNFVFFKGKGYWVFKDITLQ
 PGYPHDLITLGSIPPHGIDSAIWWEDVGKTYFFKGDYWRYSSEEMKTMDPGYPKPITVWKGIPESQGA
 FVHKENGFTYFYKGKEYWKFNQILKVEPGYPRSILKDFMCGDGPTRVKEGHSPDDVDIVIKLDNTAS
 TVKAIATVIPCILALCLLVLYTVFQFKRKGTPRHILYCKRSMQEW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005941
ORF Size:	1821 bp
Buffer:	PBS with 0.001% Pluronic F6552
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_005941.2</u>
RefSeq Size:	6347 bp
RefSeq ORF:	1824 bp
Locus ID:	4325
UniProt ID:	<u>P51512</u>
Cytogenetics:	8q21.3
MW:	69.5 kDa