

Product datasheet for **MR210929A1V**

Mouse Adamts4 (NM_172845) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Adamts4 (NM_172845) AAV Particle
Tag:	Myc-DDK
Symbol:	Adamts4
Synonyms:	ADAM-; ADAM-TS4; ADAMTS-2; ADMP-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210929 representing NM_172845
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCCAGATGGGCTTGCATCCCAGGAGGGGCTTGACTGGGCACTGGCTGCGAAGATTCCAACCTGCT
 TGCCGCTTCACACTGTGCAGTGGCGGAGGCTGCTGCTGCTGGCCTTCCTCCTGTCTTAGCGTGGCCCGC
 CAGCCCCCTCCCCGGGAGGAGGAGATCGTGTTCCAGAGAAGCTCAATGGCAGTAGCATCTACCTGGA
 TCAGGCGTTCTGCCAGGCTGCTGTACCGATTGCCAGCCTTTGGGGAGATGTTGCTACTAGAAGTAAAC
 AGGACCCTGGGGTGCAGGTAGAGGGTTTGACTGTACAGTACCTGGGCCAGGCACCTGAGATGCTGGGTGG
 GGCAGAGCCAGGTACCTACCTGACTGGCACCATCAATGGAGATCCGGAGTCGGTGGCATCTCTGCACTGG
 GACGGGGGAGCCCTATTAGGGGTACTGCAGTACCGTGGGGCCGAAGTCCACCTCCAGCCTCTGGAAGGAG
 GCGCCCTTAACCTGCTGGGGGACCGGGGCTCACATCCTACGCCGAAGAGTCTGCCAGCAGCCAAGG
 TCCCATGTGCACCGTCAAGGCTCCTTCTGGGAGCCCAAGTCCCATTTCCCGCAGAACCAAGCGCTTCGCT
 TCTCTGAGTAGATTCTGTGGAGACACTGGTGGTAGCAGATGACAAGATGGCAGCATTCCATGGTACAGGGT
 TAAAGCGCTACCTGCTGACGGTTATGGCAGCCGCCGCTAAAGCCTTTAAACACCCAAGCATCCGAAACCC
 TGTCAACTTGGTGGTGACGCGCCTGGTGATCCTGGGGTCCGGCCAGGAAGGGCCCAAGTGGGGCCAAGT
 GCCGCCAGACCCCTACGACGCTTCTGCACCTGGCAGCGGGGCCTCAACACCCCTAACGACTCAGATCCTG
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 CTAACCTGAATGGCAGGGGGGTTCTCTCGCCATGTATGGCTCCTGTATGGCCCATGTGGACCTGA
 AGAGCCCTGGTCGCCCTGCAGTGCCCGATTATCACTGACTTCTGGACAATGGTTATGGGCACTGCCTC
 TTAGACAAACCGAGGCTCCCTCCATCTACCAGCGACTTTTCTGGCAAGGACTATGACGCTGACCGCC
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 TGCGGGTCTTCACAGGCTGCTGAGGTGGCGCTGTCTGCACGTGGACCAGCTCAAGGACTTCAATGTTT
 CTCAGGCTGGCGGCTGGGGCCCTGGGGACCATGGGGTACTGCTCCAGGACTTGTGGGGGTGGTGCCA
 GTTCTCCTCCCGGATTGCACGAGGCCCGTCCCCGGAACGGTGGCAAGTATTGTGAGGGCCGCCGACT
 CGTTCCGGTCTGCAACACGGAGAAGTGGCCACAGGCTCAGCATTGACCTTCCGTGAAGAGCAGTGTG
 CTGCCTACAACCACCGAACCGACCTCTCAAGAGCTTTCCAGGGCCCATGGACTGGGTTCCGCGCTACAC
 AGGTGTGGCCCTCGAGACCAATGCAAACTCACTTGCCAGGCCCGGGCACTGGGCTACTACTACGTACTG
 GAGCCCCGGGTGGCAGATGGGACTCCCTGCTCCCCAGACACCTCCTCTGTCTGTGTCCAGGGCCGCTGTA
 TCCATGCTGGCTGTGACCGGATCATTGGCTCCAAAAAGAAATTTGACAAGTGCATGGTGTGCGGCGGGGA
 TGGCTCTCGCTGCAGCAAGCAGTCGGGCTCCTTCAAAAAATTCAGGTATGGATACAGCGATGTGGTCACG
 ATCCCTGCGGGGGCCACCCATATCCTTGTACGGCAGCAGGGGGGCTGGTCTCAAGAGCATCTACCTGG
 CCCTGAAGCTTTCTGACGGTTCTTACGCCCTCAATGGTGAATACACGCTGATGCCCTCCCAACAGATGT
 GGTTCTTCTGGGGCAGTCAGTTGCGCTACAGCGGAGCCACAGCAGCTCAGAGACACTGTCTGGACAT
 GGGCCGCTGGCCAGCCCTTGACGCTGCAAGTCTGGTGGCTGGCAACCCACAGAATGCAGTCTGCGGT
 ACAGTTTCTTTGTCGCGGCCAGTCCCTTCAACACCACGCCCTCCTCCCAAGACTGGCTGCAACGCAG
 GGCAGAGATACTGAAAATCCTTCGGAAGCGTCCCTGGGCAGGCCGAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210929 representing NM_172845 Red=Cloning site Green=Tags(s) MSQMGLHPRRGLTGHWLRRFQPCLPLHTVQWRRLLLLAFLLSLAWPASPLPREEEIVFEKLNSSILPG SGVPARLLYRLPAFGEMLLLELEQDPGVQVEGLTVQYLGQAPMLGGAEPGYLTGTINGDPESVASLHW DGGALLGVLQYRGAELHLQPLEGGALNSAGGPAHILRRKSPASSQGMCTVKAPSGSPSISRRTKRFA SLSRFVETLVVADDKMAAFHGTGLKRYLLTVMAAAAKAFKHPSIRNPVNLVVTRLVILGSGQEGPQVGPS AAQTLRSFCTWQRLNTPNDSDPDHFDTAILFTRQDLGCVSTCDTLGMADVGTVCDPARSCAIVEDDGLQ SAFTAHELGHVFNMLHDNSKPCTNLNGQGGSSRHVMAPVMAHVDPEEPWSPCSARFITDFLDNGYGHCL LDKPEAPLHLPATFPGKDYDADRQCQLTFGPDSSHCPQLPPPCAALWCSGHLNGHAMCQTKHSPWADGTP CGSSQACMGGRCLHVDQLKDFNVPQAGGWGPWGPWGDCSRTCGGGVQFSSRDCTRPVPRNGGKYCEGRRT RFRSCNTENCPHGSALTFREEQCAAYNHRTDLFKSFPGPMDWVPRYTGAVPRDQCKLTCQARALGYYYVL EPRVADGTPCSPDTSSVCVQGRCIHAGCDRIIGSKKKFDKCMVCGDGSRCQSGSFKKFRYGYSDVVT IPAGATHILVRQQGSGGLKSIYLALKLSDGSYALNGEYTLMPSPDVLPGAVSLRYSGATAASETLSGH GPLAQPLTLQVLVAGNPQNARLRYSFVPRVPSTPRPPQDWLQRRAEILKILRKPWAGRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172845
ORF Size:	2499 bp
Buffer:	PBS with 0.001% Pluronic F1955
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:	NM_172845.2
RefSeq Size:	3673 bp
RefSeq ORF:	2502 bp
Locus ID:	240913
UniProt ID:	Q8BNJ2
Cytogenetics:	1 79.28 cM
MW:	91.7 kDa