

Product datasheet for **RC218289A1V**

Human Matrilin 4 (MATN4) (NM_030592) AAV Particle

Product data:

Product Type: AAV Particles
Tag: Myc-DDK
Symbol: Matrilin 4
Mammalian Cell None
Selection:
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC218289 representing NM_030592
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAGAGGCTTCTTTGCTGGCCCGTGTGCTGCTCCTTCTCAGCCCTGGGAAACCCAGCTCCAGTTGA
CAGGTCCCAGGTGTCACACTGGGCCCTGGATCTGGTGTCTGATTGACAGCTCCCGCAGCGTGCGCCC
TTTCGAGTTCGAGACCATGCGGCAGTTCCTCATGGCCCTCCTCCGAGGCCTGAACGTGGGTCCCAACGCC
ACGCGCGTTGGCGTGATCCAGTATTCGAGTCAAGTGCAGAGCGTCTTCCCTCTCCGCGCTTCTCTCGCC
GCGAGGACATGGAGCGGCCATCCGCGACCTGGTGCCTCTGGCGCAAGGCACCATGACGGGACTGGCAAT
CCAGTACGCCATGAACGTGGCCTTCAGTGTGGCCGAGGGCGCGCACCCGCCAGAGGAGCGCGTGGCCGCT
GTCGCTGTGTCATCGTGACAGACGGGCGGCCAGGACCGCGTGGCCGAGGTGGCGGCACAGGCGCGCGCCC
GCGGCATTGAAATTTACGCGGTGGGGGTGCAGCGCGGACGTGGGCTCCCTGCGCGCCATGGCATCGCC
CCCGCTAGACGAGCACGTCTTCTCGTAGAGTCTTTCGACCTCATCCAGGAGTTCGGCCTGCAGTTCAG
AGCCGGCTGTGTGTCGGGACCTTTGCAATGGCGTGGACCATGGCTGTGAGTTCAGTGTGTGAGCGAGG
GCCTCTCTACCGCTGCCTGTGCCCGAGGGCGGCAACTTCAGGCAGATGGCAAGAGCTGCAACCGGTG
CCGGGAAGGCCACGTGGACCTTGTTCTGCTGGTTGATGGCTCCAAGAGCGTGCGTCCACAAACTTCGAG
CTAGTGAAGCGCTTCGTGAACCAGATTGTGGAATTCCTAGATGTGTCCCGGAGGGCACGCGGTGGGGC
TGGTGCAGTTCTCGAGCCGCGTGCGCACCGAGTTCCTCTGGGTGCTACGGCACCGCAGCCGAGGTGAA
GCAGGCGGTCTGGCCGTGGAGTACATGGAACGCGGCACCATGACAGGGCTGGCGTTGCGGCACATGGTG
GAGCACAGCTTCTCCGAGGCGCAGGGTGACGCGCCCGTGCCCTTAACGTGCCCTCGTGTGGCCTGGTCT
TCACGGATGGCCGCTCCAGGATGACATCTCGGTGTGGGCAGCGCGCCCAAGGAGGAAGGCATCGTCAT
GTACGCGTGGGCGTGGCAAGGCGGTGGAGGCGGAGCTGCGCGAGATCGCCTCGGAGCCAGCGGAACTG
CACGTGTCCTATGCCCCGACTTCGGCACCATGACGCACCTGCTGGAGAACCTCAGAGGCAGCATCTGTC
CAGAGGAGGCATCAGCGCAGGACAGAGCTTCGAGGCCATGCGAATGCGAAAGCCTCGTGGAGTTCCA
GGGCCGCACGCTGGGGCGCTCGAGAGCCTGACGCTGAACCTGGCCAGCTGACGGCGCGCTGGAGGAT
CTGGAGAACCAGCTGGCAACCAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC218289 representing NM_030592 Red=Cloning site Green=Tags(s) MRGLLCWPVLLLLLPWETQLQLTGPRCHTGPLDLVFVIDSSRSVRPFEFETMRQFLMGLLRGLNVGPNA TRVGVIQYSSQVQSVFPLRAFSRREDMERAIRDLVPLAQGTMTGLAIQYAMNVAFSVAEGARPPPEERVPR VAVIVTDGRPDRAEVAQAARARGIEIYAVGVQRADVGSLRAMASPLDEHVFLVESFDLIQEFGLQFQ SRLCVRDLCNGVDHGCEFCVSEGLSYRCLCPEGRQLQADGKSCNRCREGHVDLVLLVDGSKSVRPQNFE LVKRFVNQIVDFLDVSPGTRVGLVQFSSRVRTFPLGRYGTAAEVKQAVLAVEYMERGTMTGLALRHMV EHSFSEAQGARPRALNVPRVGLVFTDGRSQDDISVWAARAKEEGIVMYAVGVGKAVEAELREIASEPAEL HVSYPDFGTMTHTLLENLRGSICPEEGISAGTELSPCECESLVEFQGRTLGALESLTLNLAQLTARLED LENQLANQK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_030592
ORF Size:	1497 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:	NM_030592.1
RefSeq Size:	1846 bp
RefSeq ORF:	1500 bp
Locus ID:	8785
UniProt ID:	O95460
Cytogenetics:	20q13.12
MW:	52.8 kDa