

Product datasheet for **MR230433A1V**

Mouse Fam214b (NM_001253353) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Fam214b
Synonyms:	B230312A22Rik
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230433 representing NM_001253353
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCCACGTGCAGGCGGAGCTGTCTCCATCCTCAGAGCCAGAGGCTGGCCCTTCACAGCCTCCAGTCA
 GACAGGGGACCTCCAGGGTGGCCTGCTCATGGGCTACAGCCAGCAGGGGGGGCGACATCCCCGGGGT
 CTACCAAGTATCCATCTTTTCCCTTCAGCTGGTGCCTCCGAGCCTCCTAGGGCTCTGAAGCGGGCGGCC
 CCTCCACCGAGGGTCCCCGGGAGCTGAAGAGAGGCCCTGGGCTGGGGGCCAGAGAGGACTACCCCTG
 AAGAACCATCTACTGTGGGACTCTTGAGCCAGAGGACTGGGCTGGGACTGGGTGTGGCTAGCCAGCA
 TTTCTCCACCATGGCCTCTGTGTTGTGGAGCACGGAGGTAATACCACCTCACCTTGGACTTCAGGGACC
 CAGAGTACACCCTGGCTCTCATCAATGCTTCTTCAATACTTTGCACACCAGAGACTGGGCTTTCCAG
 ATCAAGGGGACAGGGGTGCCTGGGGGAGACTCCAGGGCCAGCCCTTCAGGCCAGCTGCACACACTTGA
 CACTGATTTGCACAATCTTGACAATAGGGGGTAAGAGCCAGTGGCTAGGGTGGGCAACGGGAGCAAC
 CCCTGGCCTAGGGAGTCCCATGGAATGCCAATGGGCACAGTCCCGAGCACACCCCTGGCCCTGGAC
 CTCCTGGCCCTGCCCCACCAAGCGAAGGCTGCTGCCTGCTGGAGAAACCTTGATGTCAGCTCTGAGGA
 TGAGGGGCCAGCCCTCGGAGGCGCCGGGAACCTGGGCTGCCCTCTTGCTGCCAATAGTTCTGATGCC
 AAAGCCACACCTTCTGGAGCCACCTGCTGCCTGGGCCAAGGAGCCTGTTTTGGACCCAACAGACTGCA
 GTCCCATGGGGCGGAGGCTGAAAGGCGCCCGTCGCTGAAGCTAAGCTCCCTTCGAACCTCTCCGGAAGGG
 GCCAGGCTGCTGAGCCCTCCAGTGCCTCCCCCTTTCCACCCCTGCTGTGAGCCGACCTGCTGGGC
 AACTTTGAGGAATCACTGCTTCGAGGACGCTTTCACCATCTGGCCACATTGAGGGCTTTACTGCAGAGA
 TTGGAGCCAGTGGGTCTTACTGTCCCAACATGTCACGCTGCCGTCAGTGTACCTTTTTTGATGTTTC
 TGAGCAAAATGCGCCGGCCCCCTTCTGGGAGTCGTGGACCTGACTCCTCTGGGGAGGAAGGGTTACAGT
 GTGCCCAAGGTGGGCACCATCCAAGTGACCTTATTTAACCCCAACCAGACTGTGGTGAAGATGTTCCCTG
 TGACCTTTGACTTCTCGGACATGCCTGCTGCCACATGACCTTCTGCGCCATCGCCTCTTCTTGGTGCC
 TGTGGTGAGGAGGAAATGCTAGCCCCACCCACCGCTCCTCTGCTACTTGTGCACCTCAGGTTCCGG
 AGCTCTCGCTCAGGCCGCTTAAGCCTGCATGGAGATATCCGCTGCTTTTTTCCGCCGGAGCCTGGAGC
 TGGACACGGGGCTCCCCTATGAATTCAGGCTGTGACTGAGGCCCCCATATCCACGTTATTACCTTT
 GCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230433 representing NM_001253353
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MRHVQAE LSPSSEPEAGSPQPPVRQGLQGGLLMGYSPAGGATSPGVYQVSIFSPSAGASEPPRALKRPA
 PPTGPRELKRGPGLGAREGLPPEEPSTVGLLSPEGLGLGLVASQHFHHGLCVVEHGNNTSPWTS
 QSTPWLSSNASFNTLHTRDWAFPDQGGQGLGETPGPAPSGQLHTLDTDLHNLAIQIGKSPVARVNGSN
 PWPRESHGTAHNSPEHTPPGPGPPGPCPTKRRLLPAGETLDVSEDEGPAPRRRRGTLGCPLAANSSDA
 KATPFWSHLLPGKPEVLDPTDCSPMGRRLKGARRLLKSSLRTLKGPGLLSPPSASPFPTPAVSRTLLG
 NFEESLLRGRFAPSGHIEGFTAEIGASGSYCPQHVTLPVTVTFDVFSEQNAPAPFLGVVDLTPLGRKGYS
 VPKVGTIQVTLFNPNTVVKMFLVTFDFSDMPAAHMTFLRHRLFLVPVGEEGNASPTHRLCYLLHLRFR
 SSRSGRLSLHGDIRLLFSRRSLELDTGLPYELQAVTEAPHNPRYSPLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001253353

ORF Size: 1614 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_001253353.1 , NP_001240282.1
RefSeq Size:	3309 bp
RefSeq ORF:	1617 bp
Locus ID:	230088
UniProt ID:	Q8BR27
Cytogenetics:	4 A5
MW:	57.1 kDa