

Product datasheet for **MR230434A1V**

Mouse Fam214b (NM_001253354) 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: >MR230434 representing NM_001253354
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCGCCACGTGCAGGCGGAGCTGTCTCCATCCTCAGAGCCAGAGGCTGGCCCTTCACAGCCTCCAGTCA
 GACAGGGGACCTCCAGGGTGGCCTGCTCATGGGCTACAGCCAGCAGGGGGGGCGACATCCCCGGGGT
 CTACCAAGTATCCATCTTTTCCCTTCAGCTGGTGCCTCCGAGCCTCCTAGGGCTCTGAAGCGGCGGGCC
 CCTCCACCGAGGGTCCCCGGGAGCTGAAGAGAGGCCCTGGGCTGGGGGCCAGAGAGGACTACCCCTG
 AAGAACCATCTACTGTGGGACTCTTGAGCCAGAGGACTGGGCTGGGACTGGGTGTGGCTAGCCAGCA
 TTTCTCCACCATGGCCTCTGTGTTGTGGAGCACGGAGGTAATACCACCTCACCTTGGACTTCAGGGACC
 CAGAGTACACCCTGGCTCTCATCAATGCTTCTTCAATACTTTGCACACCAGAGACTGGGCTTTCCAG
 ATCAAGGGGGACAGGGGTGCCTGGGGGAGACTCCAGGGCCAGCCCTTCAGGCCAGCTGCACACACTTGA
 CACTGATTTGCACAATCTTGACAAATAGGGGGTAAGAGCCAGTGGCTAGGGTGGGCAACGGGAGCAAC
 CCCTGGCCTAGGGAGTCCCATGGAATGCCAATGGGCACAGTCCCGAGCACACCCCTGGCCCTGGAC
 CTCCTGGCCCTGCCCCACCAAGCGAAGGCTGCTGCCTGCTGGAGAAACCTTGATGTCAGCTCTGAGGA
 TGAGGGGCCAGCCCTCGGAGGCGCCGGGAACCTGGGCTGCCCTCTTGCTGCCAATAGTTCTGATGCC
 AAAGCCACACCTTCTGGAGCCACCTGCTGCCTGGGCCAAGGAGCCTGTTTTGGACCCAACAGACTGCA
 GTCCCATGGGGCGGAGGCTGAAAGGCGCCGTCGCTGAAGCTAAGCTCCCTTGAACCTCTCCGGAAGGG
 GCCAGGCTGCTGAGCCCTCCAGTGCCTCCCCCTTTCCACCCCTGCTGTGAGCCGACCTGCTGGGC
 AACTTTGAGGAATCACTGCTTCGAGGACGCTTTCACCATCTGGCCACATTGAGGGCTTTACTGCAGAGA
 TTGGAGCCAGTGGGTCTTACTGTCCCAACATGTCACGCTGCCGTCAGTGTACCTTTTTTGATGTTTC
 TGAGCAAAATGCGCCGGCCCCCTTCTGGGAGTCTGGACCTGACTCCTCTGGGGAGGAAGGTTACAGT
 GTGCCCAAGGTGGGCACCATCCAAGTGACCTTATTTAACCCCAACCAGACTGTGGTGAAGATGTTCCCTG
 TGACCTTTGACTTCTCGGACATGCCTGCTGCCACATGACCTTCTGCGCCATCGCCTCTTCTTGGTGCC
 TGTGGTGAGGAGGAAATGCTAGCCCCACCCACCGCTCCTCTGCTACTTGTGCACCTCAGGTTCCGG
 AGCTCTCGCTCAGGCCGCTTAAGCCTGCATGGAGATATCCGCTGCTTTTTTCCGCCGAGCCTGGAGC
 TGGACACGGGGCTCCCCTATGAACTTCAGGCTGTGACTGAGGCCCCCATATCCACGTTATTACCTTT
 GCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230434 representing NM_001253354
 Red=Cloning site Green=Tags(s)

MRHVQAELESPSEPEAGPSQPPVRQGLTQGGLLMGYSPAGGATSPGVYQVSIFSPSAGASEPPRALKRPA
 PPTGPRELKRGPGLGAREGLPPEEPSTVGLLSPEGLGLGLVASQHFHHGLCVVEHGNNTSPWTS
 QSTPWLSSNASFNTLHTRDWFDPDQGGQCLGETPGPAPSGQLHTLDLHNLAIQIGKSPVARVNGSN
 PWPRESHGTAHNSPEHTPPGPGPPGPCPTKRRLPAGETLDVSEDEGPAPRRRRGTLGCPLAANSSDA
 KATPFWSHLLPGKPEVLDPTDCSPMGRRLKGARRLLSSLRTLKGPGLLSPPSASPFPTPAVSRTLLG
 NFEESLLRGRFAPSGHIEGFTAEIGASGSYCPQHVTLPVTVTFDVSQNPAPFLGVVDLTPLGRKGYS
 VPKVGTIQVTLFNPNTVVKMFLVTFDFSDMPAAHMTFLRHRLFLVPVGEENASPTHRLCYLLHLRFR
 SSRSGRLSLHGDIRLLFSRRSLELDTGLPYELQAVTEAPHNPRYSPLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001253354

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:	<u>NM_001253354.1</u> , <u>NP_001240283.1</u>
RefSeq Size:	3086 bp
RefSeq ORF:	1617 bp
Locus ID:	230088
UniProt ID:	<u>Q8BR27</u>
Cytogenetics:	4 A5
MW:	57.1 kDa