

Product datasheet for **RC203165A1V**

Human FAM222B (NM_018182) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM222B (NM_018182) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM222B
Synonyms:	C17orf63
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203165 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTAGCCTGTCTACCAGGGCCAGGTGACCTGTCTTTCAGCTTCTTTCTCACACGCAGATGAACACTG
 GACTTCAGAAATGGGACACTACACAGAAATGAGAACTGCTCACTATCCTACCCAGCCGAATTGGATGC
 GTATGCTAAGAAGGTCGCAAAACACCCACTGACTATAAAAAATCTTCCCAACAGTGTGAAGGTTCCCGAG
 CGGAAACACGTTCTGCTGTAACGGCCTCGACACATCAGCCAGCGCTACAGCCCTACCCGACAC
 AGGCTGCCACCAAGGCAGGCCTGCTTGCATTGTCAAAGTGCCAGCCAAAAGCATACTCAAGGACTTTGA
 CGGCACCCGAGCCGTTGCTCCCTGAGGCCATCATGAACCCCGAGTGGCACCCTATGCTACTGTGGCA
 CCCAGCACTTTAGCCACCCCGAGGCCAGGCTCTGGCCCGCAGCAGGCCCTGCAGCATGCACAGACCC
 TGGCCCATGCCCTCCCGAGCCTGCAGCACCTCAGGATATCCCGCCACCCAGGCACTGTCCACCC
 TCAGAGCCTCCAGCAGCCTCAGGCTGGGCCACCTCAGCCCATGGCCAAACCCAGGGCTTGGTCCAC
 CCTCAGGCCCTGGCTCACCAGGGTCTCCAGCACCCCAATCCCTTGTGTCATGGAGGCCGGAAGATGC
 CAGACTCAGATGCCCCCGAATGTGACCGTGTCTACCTCAACTATCCCTTTCAATGGCGGCCACTCT
 GCAGCAGACCCAGCCTCCGACCTGAGTAGCATCGTGACCCAGATCAACCAAGTTTGGCAGACGAGGGCA
 GGCATCAGCACTACCTCAGTGTGTGAGGGCCAGATCGCAACCCAGCCCATAGTCGAGTCTGCTCA
 TCAATGCAAGCACCCGGGTGTCGACCCACAGCGTCCCCACCAATGCCTTATGTGTGGTCAATCCCAT
 GGAGCACACCCACGGCCACCGCCGCTTGCCTGTGTCAGGTCTGTCAACCTGCCACAGGCATCTCT
 CGCGTCCCCACTGGCTACCTAGCGACCTCAAGCCAGTCACCTGGAACCCAGCAGCAGTGGCCACCTAC
 AGCAGATGTGCAGCGAGGCTAGTGGGACGCCAGCCCTGGCCTGACAGGCAAGCATGGCGCAGACGCGA
 GTTGGCAGGGCCTGGCTTTGTGGCAAGGCCCTGCCTACCCGAGGAATCTGCCTGGCGCAGTCTCTC
 CATCTGAAGCCACCCCTGGAAGCCGACCCCATCCCCACAGTCAACGCATGGCAGCCCCATTGGCCT
 ACCCAATGGTCACTACTTCCAACCCCTGTGGAACAACATTCTGCCCACTCCCAATAGCAGCAGTCTGGG
 GTCTCAGGACCTTGCCATGCCGTTCCACGGTGGCAGCCACAGGTGCACCCCTCGACTGTGCGGACGT
 CCCGGGGCCCACTACCGAGCAGGGACCGGGGGCGGTCCAGTGGCAAGCCAGAACAGCTTGATGCAACAG
 TGGATTACCTAAGTGGGATTTCCAACAGGCCTGCTTCCGAGAACAGAGCCTGGCCATGCTGAGCAAGGC
 CCACCGAGCCCTGGCAACCGAGCCCCGATCCACAGAGAGTGAAGTCTTCATATTCAGCACCCAGGG
 TATAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203165 protein sequence
 Red=Cloning site Green=Tags(s)

MLACLPGPGDLQSFQLLSHTQMNTGLQKWDTTQKMRTAHYPTPAELDAYAKKVANNPLTIKIFPNSVKVPQ
 RKHVRRTVNGLDTSARYSYPYPTQAATKAGLLAIVKVPKSIKDFDGTARLLPEAIMNPPVAPYATVA
 PSTLAHPQAQALARQQALQHAQTLAHAPPQTLQHPQGIPPPQALSHPSLQPPQLGHPQPMATQGLVH
 PQALAHQGLQHPNPLHGGKMPDSDAPPNVTVSTSTIPLSMAATLQHSQPPDLSSIVHQINQFCQTRA
 GISTTSVCEGQIANPSPISRLLINASTRVSTHSVPTMPSCVVPMEHTHAATAALPAAGPVNLPPTGIS
 RVPTGYPDLKPVTWNQHLAHLQMCSEASGTPAPGLTGKHAAGRELAPGFVGKAPAYPQELCLAQSF
 HLKPPLEKPTSPPVNGMAAPLAYPNGHYFQPLWNNILPTPNSDSSGSQDLAMPFHGGQPTGAPLDCAA
 PGAHYRAGTGGGPVASQNSLMQTVDYLSGDFQQACFREQSLAMLSKAHRAPGNRAPDPTESRSLHIQHPG
 YR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_018182
ORF Size:	1686 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_018182.2</u>
RefSeq Size:	4213 bp
RefSeq ORF:	1689 bp
Locus ID:	55731
UniProt ID:	<u>Q8WU58</u>
Cytogenetics:	17q11.2
MW:	59.7 kDa