

Product datasheet for **RC206147A1V**

Human FAM71A (NM_153606) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM71A (NM_153606) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM71A
Synonyms:	GARI-L4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206147 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGCTGATTTTCTGCTGCCGTATTATACGGCCAGAGTGGCTCCAGCATGAGCATGTTTCGACACCA
 CCATGGGGAAACTGCAGCGACAACGTACAAGGGGAGTACGATATATTCAAGTATGCACCGATATTTGA
 GAGCGACTTTATCCAGATCACCAAAAGGGGAGAAGTGATTGATGTGCACAACCGTGCCGTATGGTGACC
 ATGGGCATTGCACGTACCAGCCCCATCTCCACTCCCAGATGTCATGCTACTGGCACGACCGGCCACCG
 GCTGCGAAGAGTATGCTGGACATGGCCAGGCCACCAAGAGAAAAAACGCAAGGCAGCAAGAAGCTTAGA
 GCTCACCAGGCTTCTGCCCTGAGGTTGTACGGATCTCTGTTCAAGACCATGAGAAACAACAGCTGCGC
 CTGAAGTTCGCCACTGGCAGATCTTGCTATCTGCAATTGTGTCCGCTCTTGACACACGGGATGACCTCT
 TTGCTATTGGGAAAACTAATTTACCTCTTGGGCCACCCATGGAGAGTAACAGCAGTACCTGTGGCAT
 TCCAGCTGAAGACATGATGTGGATGCCTGTGTTTCAGGAAGACAGGAGGAGCCTGGGAGCCGTGAACCTT
 CAAGGAAAGGGGGATCAGGACCAGGTACGATCCAAAGCCTCCACATGGTCTCTGAGGTGTGTGGGGCCA
 CCTCTGCTGCTTATGCTGGAGGGGAGGGACTCCAAATGACTTTAACAACCCACTAATGTGCTCAATGC
 ATCCATCCCCAAAACATCTACAGAACTTGCTGAGGAGCCAGCAACAGGGGGGATTAAAGAGGCAGCAGCA
 GCAGGGGCAGCTGCAGGGGCAGCAACAGGCACCGTAGCAGGTGCCTTGAGTGTGGCAGCAGCCAATTCTG
 CCCCTGGACAGGTGAGCGCAGCCATAGCTGGGGCGGCCACCATCGATGCAGGAGGAAACAAGGCAACAT
 GGCCCTTGACAGCACTGCCAGCATGGCTCCAAACAGCAGCAAGGTGGCTGTGGCAGGGGCTGCAGGCAAG
 TCCTCAGAGCATGTTTCCAGCGCATCCATGAGCCTTTCAGAGAGGGCAGTGTGAGCCTGGCCATTGCAG
 GAGTAGTACTGACCAGCAGGACAGCTGCAGAAGCAGACATGGATGCAGCAGCGGGACCTCCCGTCTCCAC
 CCGGCAGAGCAAGAGCAGCCTGAGTGGACAGCATGGAAGGGAGCGAACCAGGCCAGCGCTGAAGGCTGC
 AAGGAGGGGAGGAAAGAAGGGAAAAGGACAGGGCTCTCGAAGGAGTTCCTATCGCCGAGGACAGGTG
 AAAGCCGCCACAAAACAAGGGGAGACAAGATTGCCAAAAGTCTCCAGCAGGTCTCATTAGCCACAG
 AGCCAATAGAGATGACAAAAGGAGAAAGGCTGTGGCAACCCGGGGAGCAGCAGGCACAGGGACTCGCAT
 AAAGGTGTGAGCCACACGCCATCTCAAAGGAGTCCAGGACCTCTCACAATCTGGGAGGAGCTTATGGA
 CCACCAAGTCCGGTTCAGCAAGGGACTTGGCAGGGTCAGCTCTTTCCTGAGGAACGTGAGGCCAACCT
 TACTACAAAAGTAGTGGGCACACCACATGGCAGAGATGTGGACGTGATGGCTAAGATGGCGGAGAGGAGC
 ACCAACGTGGCCATCGCCGAGACAGCAGAGGGTGGCCAGGGGCTGGAGATGGTTGTTCTATGACACCGG
 ACATCATGGAGACAGTGACCTTTGAAGCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206147 protein sequence
 Red=Cloning site Green=Tags(s)

MNADFLPYPTAQSGSSMSMFDTTMGKLQRQLYKGEYDIFKYAPIFESDFIQITKRGEVIDVHNRVMT
 MGIARTSPILPLPDVMLLARPATGCEEYAGHGQATKRKRKAANKLELTRLLPLRFVIRISVDQHEKQQLR
 LKFATGRSCYLQLCPALDTRDDLFAWYWEKLIYLLRPPMESNSSTCGIPAEDMMWMPVFQEDRRSLGAVNL
 QKGDQDQVSIQSLHVMSEVCGATSAAYAGGELQNDFNKPTNVNLASIPKTSTELAEPPATGGIKEAAA
 AGAAAGAAATGTAGALSVAAANSAPGQVSAAIAGAATIDAGGNKGNMALAGTASMAPNSTKVAVAGAAGK
 SSEHVSASMSLSREGSVSLAIAGVVLTSRTAAEADMDAAAGPPVSTRQSKSSLSGQHGRERTQSAEGC
 KEGRRERREKDRALGRSSHRRRTGESRHKTRGDIAQKSSSRSSFSHRANRDKKEKGCGNPGSSRHRDSE
 KGVSHPTISKESRTSHKSGRSLWTTSSGSSKGLGRVSSFLRNVRANLTTKVVGTPHGRDQVDMAKMAERS
 TNVAIAETAEGGQGLEVMGSMTPDIMETVTFEAT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_153606
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F5828
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_153606.1</u>
RefSeq Size:	2332 bp
RefSeq ORF:	1785 bp
Locus ID:	149647
UniProt ID:	<u>Q8IYT1</u>
Cytogenetics:	1q32.3
MW:	63.3 kDa