

Product datasheet for **RC216954A1V**

Human FAM83D (NM_030919) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM83D (NM_030919) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM83D
Synonyms:	C20orf129; CHICA; dj616B8.3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216954 representing NM_030919
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCGCGGGCCTGTTTGATTCAAAGGTTGCCTATAAAGCGGGACTGCACGCCGTTTGTCCGAGGGC
 TGTCGAGTCCGAGCGCCCATGGCTCTGCTGTCCGAGGGCCTGGACGAGGTGCCCGCCGCTGCCTGTC
 GCCGTGCGGGCGCCCAACCCGACCGAGCTGTTACGCGAGTCACGGCGCCTGGCTCTGGAGGAGCTGGTG
 GCGGGCGGCCCGAAGCCTTCGCGGCCCTCCTGCGACGCGAGCGCCTGGCTCGTTTCTGAACCCCGATG
 AGGTGCACGCCATTCTGCGCGCGCGGAGAGGCCGGGAGAGGAGGGCGCGGGCGGGCGGGCGGCCGA
 GGACTCGTTGGGCTCCTCGCAGACTGCTCTTCGGGCACCTACTTCCCGAGCAGTCGGACCTGGAGCCA
 CCGCTGTTGGAGCTTGGCTGGCCCGCTTCTACGAGGGCGCTACCGCGCGCCACGCGTGTGAGACGC
 ACTTCCAGCCCCGCGCGCTGGCGAAGGTGGCCCTACGGCTGCAAGGACGCTCTGCGCCAGCAGCTCCG
 CTCGGCGCGAGAGGTGATTGCAGTGGTCATGGACGTGTTACAGACATCGACATCTTCAGAGACCTGCAA
 GAAATATGCAGAAACAGGGAGTTGCTGTGTATATCCTTCTGGACCAGGCTCTCCTCTCTCAATTTCTGG
 ATATGTGCATGGATCTGAAAGTTCATCTGAACAGGAAAGTTAATGACAGTTCGGACTATCACAGGAAA
 TATCTACTATGCAAGGTCAGGAATAAGATTATTGGGAAGGTTACGAAAAGTTCACGTTGATTGATGGC
 ATCCGCGTGGCAACAGGCTCCTACAGTTTTACATGGACGGATGGCAAATTAACAGCAGTAACCTGGTAA
 TTCTGTCTGGCAAGTGGTTGAACACTTTGATCTGGAGTTCGGAATCCTGTATGCCCAGTCCAAGCCCAT
 CAGCCCCAACTCCTGTCTCACTTCCAGAGCAGCAACAAGTTTGATCACCTCACAACCGAAAACACAG
 TCCAAGGAGCTCACCTGGGCAACCTGCTGCGGATGCGGCTGGTAGGCTGTCAAGTACTCCAGGAAGG
 CGGACCTGGACCCAGAGATGCCCGCAGAGGGCAAGGCAGAGCGCAAGCCCATGACTGTGAGTCTCTAC
 TGTTAGTGAGGAAGACTACTTCAGCAGCCACAGGGACGAGCTCCAGAGCAGAAAGGCCATTGACGCTGCC
 ACTCAAACAGAGCCAGGAGAGGAGATGCCAGGGCTGAGTGTGAGTGAAGTGGGAACACAAACAGCATCA
 CCACAGCATGTGCTGGTACCCAGACTGCAGTCATACCAGGATAGCAAGCTCTCAAACACGATTTGGTC
 CAGATCGACCACTACTCAGACTGACATGGATGAGAACATTCTCTTCTCGAGGAATCAATCTACAGAA
 GGGTCAACAGTCTCAAAATGTCTGTATCGAGATCTTCCAGTTTGAAGTCTTCTCCTCTGTGTCTTCCC
 AAGGCTCTGTGGCAAGTCCACTGGTTCTCCGCTTCCATCAGAACCACTGACTTCCACAATCTGGCTA
 TCCAAGTACCTGGGCACCCCCACCTGGAAGTGTACTTGAGTGAAGTACTTGAACAAAGAG
 CGGCAATTCACCTTCGCTGGTATCAGGTCGCGCTCAACCACATGCTGGCTATGCTGTCAAGGAGAACAC
 TCTTTACTGAAAACACCTTGGCCTTATTCTGCAATTCAGCAGAGTTAATTTGCTTGTCTGTAGAGA
 TGTAGCACTTTATCCTTCTATCAG

ACCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MARACLIQRLPIKRDCTPVFVRGLSSPSAAMALLSEGLDEVPAACLSPCGPPNPTELFSERRLALEELV
 AGGPEAFAAFLRRERLARFLNPDEVHAILRAAERPGEEGAAAAAEDSFGSSHDCSSGTYFPEQSDLEP
 PLLELGWPAFYQAYRGATRVETHFQPRGAGEGGPYGCKDALRQQLRSAREVIAVMDVFTDIDIFRDLQ
 EICRKQGVAVYILLDQALLSQFLDMCMDLKVHPEQEKLMTVRTITGNIYYARSGTKIIGKVHEKFTLIDG
 IRVATGSYSFTWTDGKLNSNLVILSGQVVEHFDLEFRILYAQSKPISPKLLSHFQSSNKFHDLNTRKPQ
 SKELTLGNLLRMRLARLSSTPRKADLDPEMPAEGKAERKPHDCESSTVSEEDYFSSHRDELQSRKAIDAA
 TQTEPGEEMPGLSVSEVGTQTSITTACAGTQTAVITRIASSQTTIWSRSTTTQDMDENILFPRGTQSTE
 GSPVKMSVSRSSSLKSSSSVSSQGSVASSTGSPASIRTTDFHNPYGPYKYLGTPHLELYLSDSLRNLNKE
 RQFHFAGIRSRNLNHLAMLRRRLFTENHLGLHSGNFSRVNLLAVRDVALYPSYQ

SGPTRRRLAQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_030919
ORF Size:	1845 bp
Buffer:	PBS with 0.001% Pluronic F7621
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_030919.2</u>
RefSeq Size:	2445 bp
RefSeq ORF:	1758 bp
Locus ID:	81610
UniProt ID:	<u>Q9H4H8</u>
Cytogenetics:	20q11.23
MW:	67.5 kDa