

Product datasheet for **MR207356A1V**

Mouse Fuca2 (NM_025799) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fuca2 (NM_025799) AAV Particle
Tag:	Myc-DDK
Symbol:	Fuca2
Synonyms:	0610025O11Rik; 5530401P20Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207356 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGCCTGGGGTTCCTGATGCTTCTGCCGCTGCTGCTGCCGCTCCTGAGGCCTTGGGGGTACGA
 GAGCCCTAGCTATGACCCCACTTGGGAATCTCTGGACAGACGCCGCTGCCAGCCTGGTTCGACCAGGC
 CAAGTTCGGCATCTTTATCCACTGGGGAGTGTCTCCGTGCCAGCTTTGGTAGTGAATGGTTCTGGTGG
 TATTGGCAAAGGAGAAGAAACCCAGTTGTGGACTTTATGAACAATAATTATGCTCCTGGTTTTAAGT
 ATGAAGATTTGTAGTCTATTTACAGCCAAGTATTTAATGCAAACAGTGGGCAGATATTCTCCAGGC
 CTCTGGTGCCAAATATGTGGTCTTCACTTCTAAACATCACGAAGGCTTTACAATGTGGGGCTCAGACCGT
 TCTTGGAACTGGAATGCAGTCGATGAGGGGCCAAAGAGGGACATTGTCAAGGAGCTTGAGGTGGCTGGA
 GGAACAGGACTGGCTTGCACTTTGGTCTGTACTATTCTCTTTTGAATGGTCCATCCGCTCTTTCTGGA
 GGATCAGTCCAGCTCATTCCAAAAGCAGCGATTTCCCGTTTCTAAGACATTGCCTGAGCTCTATGAGTTG
 GTGAACAGATACCAGCCTGAAGTCTGTGGTCAGACGGAGATGGGGGCGCCAGATCACTACTGGAACA
 GCACTGGCTTCTTAGCCTGGCTGTATAATGAAAGCCAGTTCCGAAAACAGTAGTCACCAATGATCGCTG
 GGGAGTCGGGTCTATCTGCAAACATGGTGGCTACTATACTTGCAGTGACCGTTACAATCCTGGCTATCTC
 TTGCCACAAATGGGAAAACGATGACAATAGATAAGTTCTCTGGGGCTACAGGCGGGAAGCTGAAA
 TCAGTGATTATCTTACAATTGAAGAGTTGGTGAAGAACTTGTGGAAACAGTCGCATGTGGTGGAAATCT
 TTTGATGAATATTTGGTCCCACGGGAGACGGCACCATTCTGTCTTTTGGAGAGCGATTAAGGCAAATG
 GAACTTGGCTGAAGTCAACGGGGAAGCTATTTATGAAACACACACTGGAGGTCTCAGAATGACACTG
 TCACTCCGGATGTGTGTACACATCTAAACCCGAGAAGAAATTAGTCTATGCTATTTTTCTAAATGGCC
 CATCTCTGGAAAAGCTGTTTCTTGGACAACCCATAGGTAGTCTGGGGGAAAACAGAGGTAGAAGTCTGGGC
 CATTGGCAGCCACTGACTTGGACATCTTACAGCCAGTGGCATCACCGTGGAGTTACCTCTGCTCAGCG
 TACATCAGATGCCCTGTAATGGGGATGGACTCTTGTGCTAAGTAATGTGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207356 protein sequence
 Red=Cloning site Green=Tags(s)

MRLGFLMLPLLLLPLLRPWGVTRALSYDPTWESLDRRPLPAWFDQAKFGIFIHWGVFVSPSFGSEFWFW
 YWQKEKKPQFVDFMNNNYAPGFKYEDFVVLFTAKYFNANQWADILQASGAKYVVFVTSKHHEGFTMMWSDR
 SWNWNNAVDEGPKRDIVKELEVAVRNRTGLHFGLYYSLEWVHPLFLEDQSSSFQKQRFVSKTLPPELYEL
 VNRYQPEVLWSDGDGAPDHYWNSTGFLAWLYNESPVKRVVVTNDRWVGSIKHHGGYYTCSDRYNPGYL
 LPHKWENCMTIDKFSWGYRRAEISDYLTIEELVKKL VETVACGGNLLMNIPTGDGTIPVIFEERLRQM
 GTWLKVNGEAIYETHWRSQNDTVTPDVWYTSKPEKLVYAIFLKWPISGKLF LGQPIGSLGETEVELLG
 HWQPLTWTSSQPSGITVELPLLSVHQMPCKWGWTLVLSNVI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_025799

ORF Size:

1386 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_025799.2</u>
RefSeq Size:	3954 bp
RefSeq ORF:	1386 bp
Locus ID:	66848
UniProt ID:	<u>Q99KR8</u>
Cytogenetics:	10 A2
MW:	53.6 kDa