

Product datasheet for **MR207139A1V**

Mouse Fads1 (NM_146094) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fads1 (NM_146094) AAV Particle
Tag:	Myc-DDK
Symbol:	Fads1
Synonyms:	0710001O03Rik; A930006B21Rik; AI317215; DSD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207139 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCCCGACCCGGTGCCGACCCCTGGCCCGCCTCCGCCAGCTCCGCCAAACGCGCTACTTTACTT
 GGGAGGAGGTGGCGCAGCGCTCCGGGCGGGAGAAGGAGCGATGGCTCGTGATCGACCGGAAGGTGTACAA
 CATCAGCGACTTCAGCCGCCACCCGGGGGCTCCCGGTCATCAGCCACTACCGGGTCAGGATGCC
 ACGGATCCTTTTGTGGCATTCCACATCAACAAGGGTCTTGTGAGAAAGTATGAACTCTCTTCTGATTG
 GAGAGCTGGCTCCGGAGCAACCCAGCTTTGAACCCACCAAGAATAAAGCGCTAACTGATGAATCCGGGA
 GCTGGGGCCACAGTAGAGCGAATGGGCTCATGAAGGCCAACCCCTTCTTCTGCTACCTGCTT
 CACATCTGCTGCTGGATGTGGTGCCTGGCTCACCTTTGGATCTTTGGAATTCCTTGGTGCCTTCA
 TCCTCTGTGCAGTACTGCTCAGTACAGTTCAGGCTCAGGCAGTTGGCTACAGCATGACTTTGGGCACCT
 GTCAGTCTTTGGCACCTCGACATGGAATCACCTGCTACATCATTTTGTGATTGGCCACCTGAAGGGGGCC
 CCCGCCAGCTGGTGGAACCACATGCATTTCCAGCACCATGCCAAGCCTAACTGCTCCGCAAGGACCCCG
 ATATCAACATGCACCCCTCTTCTTCGCCCTGGGGAAGGTCTTCTGTGGAGCTCGGGAGGGAAAAGAA
 GAAGCACATGCCATACAACCATCAGCACAAGTACTTCTTCTCATCGGACCCCGAGCCTTGTGCCTCTA
 TACTTCCAGTGGTATATTTTCTATTTTGTGGTTCAGCGGAAGAAATGGCTGGACTTGGCCTGGATGCTCA
 GCTTCTATGCCCGCATCTTCTCACTTACATGCCGCTGCTGGGGCTGAAAGGCTTCTGGGCCTTTTCTT
 CATTGTGAGTTTCTGGAAAGCAACTGGTTTGTGTGGTGACACAGATGAACCATATCCCATGCACATT
 GATCACGACCGGAATGTGGACTGGTCTCCACCAGCTGCAGGCAACCTGCAACATTACCAATCAGCCT
 TCAACAACCTGGTTCAGTGGCCACCTAAATTTCCAGATTGAACACCACCTTCCCACCATGCCCGGCA
 CAACTACCACAAGGTGGCACCCCTAGTACAATCCCTGTGCGCCAAGTACGGCATCAAGTATGAGTCCAAG
 CCCCTGCTCACAGCCTTCGCGGACATTGTTTACTCCCTGAAGGAGTACGGCAACTCTGTTGGACGCTT
 ACCTTCACCAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207139 protein sequence
 Red=Cloning site Green=Tags(s)

MAPDPVPTPGPASAQLRQTRYFTWEEVAQRSGREKERWLVDRKYYNISDFSRRHPGGSRVISHYAGQDA
 TDPFVAFHINKGLVRKYMNSLLIGELAPEQPSFEPTKNKALTDEFREL RATVERMGLMKANHLFFLVYLL
 HILLLDVAAWLTLWIFGTSLVPFILCAVLLSTVQAQAGWLQHDFGHLVSVFGTSTWNHLLHHFVIGHLKGA
 PASWWNHMHFQHHAKPNCFRKDPDINMHPLFFALGKVLPELGREKKKHMPYNHQHKYFFLIGPPALLPL
 YFQWYIFYFVQRRKWLDLAWMLSFYARIFFTYMPLLGLKGLGLFFIVRFLESNWFVWVTQMNHIPMHI
 DHDRNVDWSTQLQATCNIHQSAFNNWFSGHLNFQIEHHLFPTMPRHNYHKVAPLVQSLCAKYGIKYESK
 PLLTAFADIVYSLKESGQLWLDAYLHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_146094

ORF Size:

1344 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_146094.1, NP_666206.1</u>
RefSeq Size:	3474 bp
RefSeq ORF:	1344 bp
Locus ID:	76267
UniProt ID:	<u>Q920L1</u>
Cytogenetics:	19 A
MW:	52.4 kDa