

Product datasheet for **MR207976A1V**

Mouse Fam114a2 (NM_001168668) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fam114a2 (NM_001168668) AAV Particle
Tag:	Myc-DDK
Symbol:	Fam114a2
Synonyms:	1810073G14Rik; 9030624B09Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207976 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCAGATAAGGATCCTCCAGAGTCTCCAGTGGTAACCGAAGTAGCTTCGACCCCTAAAGATGAGAACT
 GTGAGCCAGTGGAGAAGCCAGAGGATAAATCTCAGCCTGTAGTGTCCACCCGAAAAGACCAGAGACCAA
 ACCTTCCAGTGACCTTGAGGCTTCTGCTCTCTGCTCAGGTTTCACTGGCTGTAGCCAAAGAGACTGCT
 TCTAAAGATGTACCTCAGACTGGGTGGGTTATTGGGCGAGTTGGGGCAAGTCTCTGCTCTCTCAGCCT
 CAGCTACGGTAGCTACAGTAGGACAAGGTATTTCAAATGTCATTGAGAAGGCAGAGACTTCTCTTGGGAT
 TCCTAGCCCCACTGAAATTTAGCTGAAGTCAAGCAAGCAGCAGGAGAAAAAATGCTGGTGAGAATGGA
 AGCTTACTAGTGGCTGCACCATTCGGGATGCTCTCGACCATCTCTACAGCTGTGCAGAGCACGGGAAGA
 GCGTTATCAGCGGGGCTTGGATGCCTTGAATTCATTGGGAAGAAGACAATGGATGTCATAGCAGAAGG
 GGACCCTGGATTTAAAGAACCAAGGGCCTGATGAATCGGACTTCTACGCTGTCTCAGGTTTTACGAGAG
 GCAAAGGATAAAGAAGAGCAGCGGCCTTCCAATGAAGTAACCATGGAAACAGACAAGAAAACCTATTATG
 GGCTACTCTTTGATGAGTTTCAAGGCCTTTACATCTAGAAGCTCTGGAGATGCTTTCCCGAGAAAGTGA
 GATAAAGGTGAAATCTATTCTTAGTTCTCTGAGTGGAGAAGAACTACAGACAAGTACTTGAGCTAGAG
 CAGCTCAAAGAAGTGTTCCTAGCAGAGTTCTGTGAGGAAGAGGAGGAGGAGAGACAAGGGGATGACG
 ATTTTACCAAGGAGATAACAGATCTGTTTGCTCAGCTTACATCTCTCCCGACCAGAGAAGCTTGCCAG
 GGCAAGAAATACAGCTACAAATGGATCAGAATCTCTGGCTAGGCCAGTAGCAGAGAAAGAAGAAGGA
 GAAAAAGAGTCGAGGCGAGGAAATACCGAGGAAGCCAGAAACATTCAATAGAGGATATCCATGCATTG
 CAATCCGGAGCTTAGCAGAGTTGACTGCCTGCTCAATAGAATTGTTCCACAAAACAGCAGCATTGGTTCT
 GCATGGCCAGAAAGCAGGAGGTGACAGCCTTAGAGAGGAGCCAGACTCTCTCCAGATGACAGTCATGCTG
 TGTAAGACCTGGCCTCGCTGTCTAAAGAGTTACACCTGCCTGACCACAGTTGGGGTCAGAGAGAAGG
 CAGATGTTCTTAATCCAGTCATCACTGCAGTGTCTTAGAGGCCTCAAACAGCGCCTCTTACATTCAAGA
 TGCCTTCCAACCTCTCTGCCTGTGCTGCAGATCTCTCTCATCGAGAGCAAGACAGAGTCATCCACGTGT
 GAGCCACAGCCAGAGACCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207976 protein sequence
 Red=Cloning site Green=Tags(s)

MSDKDPPESPVTEVASTLKDENCEPVEKPEDKSQPVVSTRKRPETKPSSDLEASALPAQVSLAVAKETA
 SKDVPQTGWYWGWSGKSLSSASATVATVGQISNVIEKAETSLGIPSPTEISAEVKQAAGEKNAGENG
 SLLVAAPFGMLSTISTAVQSTGKSVISGGLDALEFIGKKTMDVIAEGDPGFKRTKGLMNRTSTLSQVLR
 AKDKEEQRPSTNEVTMETDKKTHYGLLFDEFQGLSHLEALEMLSRESEIKVKSILSSLGSEELQTTRLELE
 QLKEVFSLAEFCEEEEEERQGGDDFTKEITDLFQLHISSRPEKLARARNTAYKWIRTSARPVAEKEEG
 EKESAGNTEEAQKHSIEDIHAFAIRSLAELTACSIELFHKTAALVLHGQKQEVTALETSQTLTSMQTMV
 CKDLASLSKEFTTCLTTVGVRKADVLNPVITAVFLEASNSASYIQDAFQLLLPVLQISLIESKTESSTC
 EPQPRDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001168668

ORF Size:

1491 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_001168668.1, NP_001162139.1</u>
RefSeq Size:	2608 bp
RefSeq ORF:	1494 bp
Locus ID:	67726
UniProt ID:	<u>Q8VE88</u>
Cytogenetics:	11 B1.3
MW:	54.2 kDa