

Product datasheet for **MR216519A1V**

Mouse *Acsl3* (NM_028817) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Acsl3</i> (NM_028817) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Acsl3</i>
Synonyms:	2610510B12Rik; <i>Acs3</i> ; C85929; <i>Facl3</i> ; Pro2194
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR216519 representing NM_028817
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATAACCACGTATCTTCAACACCATCAACCATGAAGCTAAACAAACCATCAACCCATACTTTTAT
 ATTTTCATACATTTTATAATATCACTCTATACTATTTTAAACATACATCCCATTTTATTTTGTGTGAGTC
 AAAACAAGAGAAACAAACCAAATTAAGCAAAACCTGTCAGTTCCAAACCGGACTCTGCATACAGATCT
 ATCAACAGTGTGGATGGCTTGGCTTCAGTGTGTATCCTGGCTGCGATACACTTGATAAAGTCTTTATGT
 ATGCAAAAAACAAATTTAAAAACAAAGACTATTGGGAACACGTGAAATTTTAAATGAGGAAGATGAAAT
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 TTCATCCGAGCCCTTGACTTTGGAAATGGGTTACAAATGTTGGGCCAGAAACCAAGGCCAACATCGCCA
 TCTTCTGTGAGACCAGGGCTGAGTGGATGATCGCTGCACAGGCGTGTTCATGTATAACTCCAGCTTGT
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 TCATTACTGTTGATGGGAAGCCTCCAACCTGGTCTGAGTTCCTCAAGGTGTCTTGTACACACCATGGC
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 TCAAAAGGGTGTAGTACTCCACTGTGTGACCGCTTTGTTTTCCGGAATGTCCGAAGGCTGCTGGGTGAA
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 GGGGTACTACAAAATGAAGCAAAACAAAGACAGATTTCTTTGAAGATGAAAATGGACAGCGGTGGCTG
 TGCAGTGGAGATATTGGAGAGTTTGACCCTGACGGCTGTCTGAAGATCATTGACCGTAAAAAGGACCTTG
 TGAAACTACAGGCAGGAGAGTACGTTTCTCTCGGAAAGTAGAGGCAGCTTTGAAGAACCTCCCACTGAT
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 GAACTTACAGAGCTAGCTAGAACAAAAGGATTTAAAGGAAGTGGGAAGAGCTGTGTAACAGCAGCGAGA
 TGGAAATGAGGTCTTAAAGTGCTTTCTGAAGCTGCTATTTACAGCAAGTCTGGAAAAGTTTGAAATTC
 ACTAAAAATACGTTTGAGCCCTGACCATGGACTCCCGAACTGGTCTGGTGACAGATGCCTTCAAGTTG
 AAACGTAAGAGCTTAAACACACTACCAGGCAGACATTGAGCGGATGTATGGAAGAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR216519 representing NM_028817 Red=Cloning site Green=Tags(s) MNNHVSSTPSTMKLKQITNPILLYFIHFIIISLYTILTYIPFYFLCESKQEKPNQIKAKPVSSKPD SAYRS INSVDGLASVLYPGCDLTKVFMYAKNFKKNRLLGTREILNEEDEIQPNGKIFKKVILGHYNWLSYEDV FIRALDFGNGLQMLGQKPKANIAIFCETRAEWMIAAQACFMYNFQLVTLATLGGPAIVHGLNETEVTNI ITSKELLQTKLKDIVSLVPRLRHIITVDGKPPTWSEFPKGVIVHTMAAVQALGVKANVEKKAHSLPLPSD IAVIMYTSGSTGIPKGMISHSNIASITGMARRIPRLGEEDVYIGYPLAHVLELSAELVCLSHGCRIG YSSPQTLADQSSKIKKGSKGDTSVLKPTLMAAVPEIMDRIYKNVMKNVNEMSAFQRNLFILAYNYKMEQI SKGCSTPLCDRFVFRNVRRLGGNIRLLL CGGAPLSATTQRFMNICFCPPVGQGYGLTESTGAGTITEVW DYNTGRVGAPLVCCEIKLNWEEGGYFNTDKPHPRGEILIGGQNVTMGYKNEAKTKTDFEDENGQRWL CTGDIGEFDPDGCLKIIDRKDLVKLQAGEYVSLGKVEAALKNLPLIDNICAYANSYHSYVIGFVVPNQK ELTELARTKGFKGTWEELCNSSEMENEVLKVLSEAAISASLEKFEIPLKIRLSPDPWTPETGLVTDFAKL KRKELKTHYQADIERMYGRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_028817
ORF Size:	2160 bp
Buffer:	PBS with 0.001% Pluronic F2476
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_028817.3, NP_083093.2</u>
RefSeq Size:	3950 bp
RefSeq ORF:	2163 bp
Locus ID:	74205
UniProt ID:	<u>Q9CZW4</u>
Cytogenetics:	1 40.84 cM
MW:	80.9 kDa