

Product datasheet for **MR216327A1V**

Mouse Dach1 (NM_007826) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Dach1 (NM_007826) AAV Particle
Tag:	Myc-DDK
Symbol:	Dach1
Synonyms:	Dac; Dach
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR216327 representing NM_007826
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTGCCGGCGGCTTTGATCCCTCCGACCCAGCTGGTCCCCCTCAACCCCGATCTCTACTTCTG
 CTTCTCTCGGGCACCACCCTCCACCTCCTCGGCGACCTCGTCTCCGGCTCCATCCATCGGACCCCC
 GGCGTCGTCTGGGCCAACTCTGTTCCGGCCGGAGCCATTGCCTCTTCTGCTTCTTCTCAGCCGCGGCC
 ACAGTCACCTCTCCTGGTGGCGGCGGCGGCGGAGCGGCGGCGGTGGCAGCGGCGGCAACGGAGGCG
 GCGGGGGAGCAACTGCAACCCAGCCTGGCGGCGGGAGCAGCGGCGGCGGCTTAGCGCTGGCGGCGG
 CGGCGCTCCAGCACCCCATCACCGCAGCACCAGCAGCAGCAGTAGCAGCAGCAGCAGCAGCAGT
 AGCAGCAGCAGCAGTAGCAGCAGCAGCAGTAGCAGCAGCAGCTGCGGCCCTCCCTGGAAAC
 CCGTGTACTCAACCCGTCCTCAGTGGAAAACACCCCAAGAATAATGAGTGCAAAATGGTGGATCTGAG
 AGGGGCCAAAGTGGCTTCTTTACGGTGGAGGGCTGCGAGCTGATCTGCCTGCCCCAGGCTTTGACCTG
 TTCCTGAAGCACTTGGTGGGGGCTTGACACCGCTCTACACCAAGCTGAAGCGGTTGGAGATCACGCCGG
 TGGTGTCAATGTGGAACAGGTTTCGATCCTGAGGGGACTGGGGGCCATCCAGCCCGAGTGAACCGCTG
 CAAACTCATCTCCAGGAAGGACTTCGAGACCCTCTACAATGACTGCACCAACGCCAGTTCAGACCTGGA
 AGGCCTCCTAAGAGGACTCAAAGTGCACTTCCCCAGAGAAGCTCTCACATCATGCCGATTCTGTCCCTG
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 CAATGCAGCTATTGCTGAAGCAATGAAGGTGAAAAAATAAATTAGAAGCTATGAGCAACTATCATGCC
 AGTAACAACCAACATGGAGCAGATTCTGAAAACGGGGACATGAATTCAAGTGTGGCAGCAGTGGTGGTT
 CTTGGGATAAGGAAACACTGCACTCTCCCCATCCCAGGGATCCCAGGCTCCTGTTGCACATGCCCGCAT
 GCCTGCAGCGTTTAGCCTTCCAGTTAGCCATCCTCTCAACCATCTGCAGCACAGCCACCTTCGGCCAAAT
 GGACTGGAACCTCTTTTATGATGATGCCCCACCTCTCATTCTGTGACGCTACCTCCAGCATCTGTCA
 CCATGGCAATGAGTCAGATGAACCACCTTAGCACCATTGCAAATATGGCGGCGGAGCACAAGTTCAGAG
 TCCTCCATCCAGGGTGGAGACATCTGTTATTAAGGAGCGTGTCCCGACAGTCCCTCGCCTGCTCCATCT
 CTGGAGGAGGGCCGAGGCCCGGAGCCACCCATCCTCACACCGCAGCAGCAGTGTGTCAGCTCCCCGG
 CGCGGACTGAGAGTCTTCCGACAGAATCCCTGTCCATCAGAATGGCCTGTCCATGAACCAGATGCTTAT
 GGGTTTATCCCCAAATGTGCTTCTGGGCCAAAGGAGGGGATTTGGCTGGTCATGACATGGGGCATGAG
 TCAAAACGGATCCACATTGAAAAGATGAGACCCCACTTCCACACCAACGCAAGAGACAGCATCGACA
 AACTTTCTCTAACTGGGCATGGACAACCACTACCTCCCGGCTTCCCATCTCCCTTCTGTTTCTGATGG
 CCTGTCTCCATAGAGACTCTTCTCACTAACATACAGGGCCTCTTGAAAGTTGCCATAGACAATGCCAGA
 GCTCAAGAAAAGCAGGTCCAAGTGGAAAAAACAGAGCTGAAGATGGATTTTTTAAGAGAAAGAGAACTAA
 GAGAAACACTGGAGAAGCAGCTGGCCATGGAACAAAAGACAGAGCCATAGTTCAAAAGAGGCTAAAGAA
 GGAAAAGAAAGCAAAGAGAAAAGTGCAGGAGGCACTAGAATTTGAGACAAAACGCCGTGAGCAAGCGGAG
 CAGACACTGAAACAGGCAGCTTCAGCGGACAGTCTCCGGGTCTTAAATGACTCCCTGACCCCTGAGATAG
 AAGCTGACCGCAGCGGAGGGAGAGCAGATGCTGAAAGGACAATACAAGATGGAAGACTGTATTGAAAAC
 TACTGTCATGTAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR216327 representing NM_007826 Red=Cloning site Green=Tags(s) MAVPAALIPPTQLVPPQPPISTSASSSGTTTSTSSATSSPAPSIGPPASSGPTLFRPEPIASSASSSAAA TVTSPGGGGGGGGGGGGGGGNGGGGGGNCNPSLAAGSSGGGVSAAGGGASSTPITASTGSSSSSSSSSSSS SSSSSSSSSSSSSSSSCGPLPGKPVYSTPSPVENTPQNNECKMVDLRGAKVASFTVEGCELCICLPQAFDL FLKHLVGGLHTVYTKLRLEITPVVCNVEQVRILRGLGAIQPGVNRCKLISRKDFETLYNDCTNASSRPG RPPKRTQSVTSPENSHIMPHSVPLMSPGIIPPTGLTAAAAAAAATNAAIAEAMKVKKIKLEAMSNYHA SNNQHGAADSENGDMNSSVGSSGGSWDKETLHSPPSQGSQAPVAHARMPAAFSLPVSHPLNHLQSHLPPN GLELPMFMMPHPLIPVSLPPASVTMAMSQMNHLSTIANMAAAQVQSPPSRVETSVIKERVDPDSSPAPS LEEGRRPGSHPSHRSSSVSSSPARTESSSDRIPVHQNGLSMNQMLMGLSPNVLPGPKEGDLAGHDMGHE SKRIHIEKDETPLSTPTARDSIDKLSLTGHGQPLPPGFPSPFLFPDGLSSIETLLTNIQGLLKVAIDNAR AQEKQVQLEKTELKMDFLRERELRETLEKQLAMEQKNRAIVQKRLKKEKKAKRKLQEALFETKRREQAE QTLKQAASADSLRVLNDSLTPETADRSGGRADAERTIQDGRLYLKTTVMY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007826
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F2439
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_007826.2, NP_031852.1</u>
RefSeq Size:	5225 bp
RefSeq ORF:	2256 bp
Locus ID:	13134
UniProt ID:	<u>Q9QYB2</u>
Cytogenetics:	14 48.25 cM
MW:	78.4 kDa