

Product datasheet for **MR224780A1V**

Mouse Dnaic1 (NM_175138) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Dnaic1 (NM_175138) AAV Particle
Tag:	Myc-DDK
Symbol:	Dnaic1
Synonyms:	1110066F04Rik; b2b1526Clo; BB124644; Dnai1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR224780 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCTCGAAACAGATTCTGTAAGCAGAGCATCAGTGTAAACCAGAGGAGCCAGGAGACGAGATGAAGATT
 CAGGGACTGATGTGGGAGAAGGAACTGATGAATGGTCCCAATCCAAAGCCACCGTGCGACCCCTGACCA
 GCTGGAGCTGACCGATGCGGAGTTAAAGGAGGAGTTCACTCGGATCCTGACAGCCAACAACCCACATGCA
 CCCCAGAATATTGTGAGGTACAGCTTCAAAGAGGGCACATATAAACTTATTGGTTTTGTGAACCAATGG
 CGGTTCACTTCAGCCAGGTGGGAACTGATACCCAAAGACTCAGATGAAGGCCGTGCCAGCACTACCG
 TGATGAGATGGTGGCAGTTTACAGGAGTCTATCAAGGTGGTGACTTCAGAAGCAGAAAACCTTGAAGAA
 GAGGAAGAACCCAAAGAAGGAGAAGGAGAAGCAGAAGCAGAAGCCGGGAGCCAAACGGACATCC
 CTGCTGCAGCTGAGACAACTGAAAAGGTGATTGAAGAAGAGCTGATGGCTCCTGTGCAGCCCAAGGAACG
 GAAGCTCACGAACCACTTAACTTCAGTGAGAGAGCATCCAGACCTTCAACAACCCCTCCGGGATCGA
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 CCTATGTAGATGAGCTCGAGAAACAGGAAAAGACCAAAGAGAAGGAGAAGGCAAAGACTCCAGTGCTAA
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 GTGGGACACGGCTCCTATGACTTCATGAAACAGAGCCGTGGCATGCTGCTGCTCTACAGCATGAAGAACC
 CTAGCTTTCCCGAGTACATGTTGAGCAGTGAGAGTGGCATCATGTGCTGGACGTGCACGTGGACCAACC
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 CCCTGCTTCCGAGCACCTCCAAGTCTGGCAAGCACACGACCCCTGTATGGCAGGTCAAGTGGCAGAAGG
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 GGGCTGCAGTTGCACACTGTAGGCTGTGGCACTGCCTTTGACTTCCACAAAGAGATCGACTACATGTTCC
 TGGTGGGCACAGAAGAGGGAATACTACAAGTGTCCAAATCCTACTCCAGCCAGTTCTTGGACACCTA
 TGATGCTCACACATGGCAGTAGACGCTGTGCTATGGAACCCATACCACCAAGGTCTTCATGCTCCTGC
 AGCTCTGACTGGACAGTGAAGATCTGGGACCACACCATCAAGACCCCATGTTTCATTTATGATCTGAACT
 CAGCCGTGGGTGACGTGGCCTGGGCACCGTACTCTTCCACTGTGTTGCAGCAGTCACCACGGACGGGAA
 GGCCCATGTGTTTGACTTAGCGGTCAACAAGTATGAAGCTATCTGCAACCAGCCTGTGGTAGCCAAGAAG
 AAGAACAAGATCACCCAGTGCAGTTCAATCCCATCCACCCCATCATAATCGTGGGCGACGACCGTGGCC
 ACATCATCTGTCTCAAGCTCTCTCCCAACTTGCAGAAAGATGCCAAAGGAGAAGAAGGGGCAGGAAGTGCA
 GAAGGGGCCAGCTGTGGAGATTGCAAAATTGGACAACTGCTAAACCTCGTGAGGGAAGTAAAAACCAAA
 ACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR224780 protein sequence Red=Cloning site Green=Tags(s) MPSKQIRKQSIISVTRGARRRDEDSGTDVGEGETDEWSQSKATVRPPDQLELTD AELKEEFTRILTANNPHA PQNIVRYSFKEGTYKLIGFVNQMAVHFSQVGNLIPKDSDEGRRQHYRDEM VAGSQESIKVVTSEAENLEE EEEPKEGEGEAEAEAGSQT DIPAAAETTEKVEEELMAPVQPKERKLTNQFNF SERASQTFNNPLRDR ECQMEPPPTNFSATANQWEIYDAYVDELEKQEKTEKEKAKTPVAKKTEKMAMRKL TSMESQSDDITKV TQAAKIVERMVNQNTYDDVAQDFKYEDTADEYRDQEGTLLPLWKFQNDKAKRLAVTALCWNPKYKDLFA VGHGSDYFMKQSRGMLLLYSMKNPSFPEYMFSSSGIMCLDVHVDHPYL VVVGYYDGNVAIYNLKKPHSQ PCFRSTSKSGKHTDPVWQVKWQKDDMDHNLNFFSVSSDGRIVSWTLVKSELVHIDI IKLKTEGSTTEIPE GLQLHTVGCCTAFDFHKEIDYMF LVGTEEGKIYKCSKSYSSQFLD TYDAHNMAVD AVLWNPYHTKVFMSC SSDWTVKIWDHTIKTPMFIYDLNSAVGDVAVAPYSSTVFAAVTTDGKAHVFDLAVNKYEAI CNQPVVAKK KNKITHVQFNPIHP I IIVGDDRGH I ICLKLSPLNRKMPKEKKGQEVQK GPAVEIAKLDKLLNLVREVKTK T TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_175138
ORF Size:	2103 bp
Buffer:	PBS with 0.001% Pluronic F3807
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_175138.4, NP_780347.2</u>
RefSeq Size:	2508 bp
RefSeq ORF:	2106 bp
Locus ID:	68922
UniProt ID:	<u>Q8C0M8</u>
Cytogenetics:	4 A5
MW:	79.8 kDa