

Product datasheet for **RC206885A1V**

Human ABCD1 (NM_000033) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABCD1 (NM_000033) AAV Particle
Tag:	Myc-DDK
Symbol:	ABCD1
Synonyms:	ABC42; ALD; ALDP; AMN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206885 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGCCGGTGCTCTCCAGGCCCGGCCCTGGCGGGGAACACGCTGAAGCGCACGGCCGTGCTCCTGGCCC
TCGCGGCCTATGGAGCCACAAAGTCTACCCCTTGGTGCGCCAGTGCCTGGCCCCGCCAGGGGTCTTCA
GGCGCCCGCGGGGAGCCACGAGGAGGCTCCGGGTGCGCGCGGCCAAAGCTGGCATGAACCGGGTA
TTCCTGCACGGCTCCTGTGGCTCCTGCGGCTGCTGTTCCCCGGGTCTGTGCCGGGAGACGGGCTGC
TGGCCCTGCACTCGGCCGCTTGGTGAAGCGCACCTTCTGTGCGGTGTATGTGGCCGCTGGACGGAAG
GCTGGCCCGCTGCATCGTCCGAAGGACCGCGGGCTTTTGGTGGCAGCTGCTGCAGTGGCTCCTCATC
GCCCTCCCTGCTACCTTCGTCAACAGTGCCATCCGTTACCTGGAGGGCCAAGTGGCCCTGCTGTTCCGCA
GCCGTCTGGTGGCCACGCTACCGCTCTACTTCTCCAGCAGACCTACTACCGGGTCAGCAACATGGA
CGGGCGGCTTCGCAACCTGACCACTCTGACGAGGAGCTGGTGGCCTTTGCGGCCTCTGTGGCCAC
CTCTACTCCAACCTGACCAAGGCACTCTGGACGTGGCTGTGACTTCTACACCCCTGCTTCGGGCGGCC
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TACATGCACTCGCGTGTGGTGGCCAACCTCGGAGGAGATCGCCTTCTATGGGGGCCATGAGGTGGAGCTG
CCCTGTCTACAGCGCTCTACAGGACCTGGCCTCGCAGATCAACCTCATCCTTCTGGAACGCTGTGGTA
TGTTATGTCTGGAGCAGTTCCTCATGAAGTATGTGTGGAGCGCTCGGGCTGCTCATGGTGGCTGTCCC
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AGGAGGAGCTGGTGAAGGAGCGCACAGAAGCCTTCACTATTGCCCGCAACCTCCTGACAGCGGCTGCAGA
TGCCATTGAGCGGATCATGTCTGTCGTACAAGGAGGTGACGGAGCTGGCTGGCTACACAGCCCGGTGCAC
GAGATGTTCCAGGTATTTGAAGATGTTACGCGCTGTCACTTCAAGAGGCCAGGAGCTAGAGGACGCTC
AGGCGGGTCTGGGACCATAGGCCGCTGTGGTGTCCGTGTGGAGGGCCCCCTGAAGATCCGAGGCCAGGT
GGTGGATGTGGAACAGGGGATCATCTGCGAGAACATCCCCATCGTCACGCCCTCAGGAGAGGTGGTGGT
GCCAGCCTCAACATCAGGTGGAGGAAGGCATGCATCTGCTCATCACAGGCCCAATGGCTGCGGCAAGA
GCTCCCTGTTCCGGATCCTGGTGGGCTCTGGCCACGTACGGTGGTGTGCTCTACAAGCCCCACCCCA
GCGCATGTTCTACATCCCGCAGAGGCCCTACATGTCTGTGGGCTCCCTGCGTGACAGGTGATCTACCCG
GACTCAGTGGAGGACATGCAAGGAAGGCTACTCGGAGCAGGACCTGGAAGCCATCCTGGACGTCGTGC
ACCTGCACCACATCCTGCAGCGGAGGGAGGTTGGGAGGCTATGTGTGACTGGAAGGACGTCCTGTGCGG
TGGCGAGAAGCAGAGAATCGGCATGGCCCGCATGTTCTACCACAGGCCCAAGTACGCCCTCCTGGATGAA
TGCACAGCGCGGTGAGCATCGACGTGGAAGGCAAGATCTTCCAGGCGGCCAAGGACGCGGGCATTGCC
TGCTCTCCATCACCACCGGCCCTCCCTGTGGAATACACACACACTTGCTACAGTTCGATGGGAGGG
CGGCTGGAAGTTCGAGAAGCTGGACTCAGCTGCCCGCTGAGCCTGACGAGGAGAAGCAGCGGCTGGAG
CAGCAGCTGGCGGGCATTCCAAGATGCAGCGGCGCTCCAGGAGCTCTGCCAGATCCTGGGCGAGGCCG
TGGCCCCAGCGCATGTGCCGGCACCTAGCCCGCAAGGCCCTGGTGGCTCCAGGGTGCCTCCACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206885 protein sequence Red=Cloning site Green=Tags(s) MPVLSRPRPWGNTLKRTAVLLALAAYGAHKVYPLVRQCLAPARGLQAPAGEPTQEASGVAAAKAGMNRV FLQRLWLRLFLPRVLCRETGLLALHSAALVSRTFLSVYVARLDGRLARCIVRKDPRAFGWQLLQWLLI ALPATFVNSAIRYLEGQLALSFRSRLVAHAYRLYFSQQTYRVSNDGRLRNPQSLTEDVVAFAASVAH LYSNLTKPLLDVAVTSYTLRAARSRGAGTAWPSAIAGLVVFLTANVLRASPKFGELVAEEARRKGELR YMSRVVANSEEIAFYGGHEVELALLQRSYQDLASQINLILLERLWYVMLEQFLMKYVWSASGLLMVAVP IITATGYSESDAEAVKKAALKKEEELVSERTEAFTIARNLLTAAADAIERIMSSYKEVTELAGYTARVH EMFQVFEDVQRCHFKRPRELEDAQAGSGTIGRSGVRVEGPLKIRGQVVDVEQGIICENIPIVTPSGEVVV ASLNIRVEEGMHLLITGPNGCGKSSFLRILGGLWPTYGGVLKPPQRMFYIPQRPYMSVGLRDQVIYP DSVEDMQRKGYSEQDLEAILDVHLHHILQREGGWEAMCDWKDVLSGGEKQIRIGMARMFYHRPKYALLDE CTSAVSIDVEGKIFQAAKDAGIALLSITHRPSLWKYHTLLQFDGEGGWKFEKLDSAARLSLTEEKQRLE QQLAGIPKMQRRLQELCQILGEAVAPAHVPAPSPQGGGLQGAST TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000033
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F5949
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_000033.2</u>
RefSeq Size:	3697 bp
RefSeq ORF:	2238 bp
Locus ID:	215
UniProt ID:	<u>P33897</u>
Cytogenetics:	Xq28
MW:	82.9 kDa