

Product datasheet for **RC210704A1V**

Human AMIGO3 (NM_198722) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AMIGO3 (NM_198722) AAV Particle
Tag:	Myc-DDK
Symbol:	AMIGO3
Synonyms:	ALI3; AMIGO-3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210704 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCTGGTTGGTGCTGCTGGGACACTGCTCTGCATGCTGCGCGTTGGGTTAGGCACCCCGACTCCG
 AGGGTTTCCCGCCCCGTGCGCTCCACAACCTGCCCTACAAATGTATCTGCGCTGCCGACCTGCTAAGCTG
 CACTGGCCTAGGGCTGCAGGACGTGCCAGCGAGTTACCTGCCGCTACTGCGGACCTCGACCTGAGCCAC
 AACCGCTCCAGCGCTGCGCCCCGGTGGTTGGCGCCCTCTTCCAGCTGCGCGCCCTGCACCTAGACC
 ACAACGAACTAGATGCGTGGGTGCGGCGTCTTCGTCAACGCCAGCGGCTGAGGCTGCTCGATCTATC
 ATCTAACAGTTGCGGGCGTTGGCGCCACGACCTCGACGGCTGGGGCGCTGGAGAAGCTGCTTCTG
 TTCAATAACCGCTTGGTGCATTGGACGAGCATGCCTTCCACGGCTGCGCGCTGAGCCATCTCTACC
 TGGGCTGCAACGAACTCGCTCGTTCTCTTCGACCACCTGCACGGTCTGAGCGCCACCCACCTGCTTAC
 TCTGGACCTCTCTCAACCGGCTGGGACACATCTCCGTACCTGAGCTGGCCGCGCTGCCGGCTTCTCTC
 AAGAACGGCCTCTACTTGACACAACCCCTTTCCTTGCCTGCGACTGCCGCTCTACCACTGCTACAGCGCT
 GGCACAGCGGGGCTGAGCGCGTGCAGGACTTTGCGCGGAGTACGTATGCTTGGCCTTCAAGGTACC
 CGCGTCCCGCTGCGCTTCTTCCAGCACAGCCGCTTTTGAAGTGTCTGTCGGCCCCAGCTCTTGGC
 CTAGAGCGGCCGAAGAGCACCTGTACGCGTGGTGGTGGTCCCTGAGGCTTTACTGCAACACCAGCG
 TCCCGGCCATGCGCATTCCTGGGTTTCGCCGACGAGGAGCTTCTCAGGGCGCCAGGATCCCGCATGG
 CAGCATCGCGTGTGGCCGACGGCAGCTTGGCCATAGGCAACGTACAGGAGCAGCATGCGGGACTTTC
 GTGTGCTGGCACTGGGCCCCGCTGCACCAACAGACGACGAGTACAACGTGAGCGTGCCTTTCT
 CGCGCCAGAGCCGAGGCTTCAACACAGGCTTCAACCACTGCTGGGCTGTCCGTGGGCTTGTGCT
 CGTGCTGCTCTACCTGTTTCGCCCAACCTGCCGCTGCTGCCGCGTGCCTGCCGCTGCCGCGCTGGGCC
 CAAACACCCAGCCGCTCCAAGAGCTGAGCGCACAGTCTCAGTACTCAGCACACACCGCCAGACGCAC
 CCAGCCGAAGGCCAGCGTCCACAAGCAGTAGTCTTCTGGAGCCAGGCCGAGGGGCTCAATGGCCG
 CGTGCAGCTGGCAGTAGCTGAGGAATTCGATCTCTACAACCTGGAGGCTGCAGCTGAAGGCTGGCTCT
 GAGTCCGCCAGCTCCATAGGCTCCGAGGGTCCCATGACAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210704 protein sequence
 Red=Cloning site Green=Tags(s)

MTWLVLGLTLLCMLRVGLGTPDSEGFPPRALHNCYPYKCICAADLLSCTGLGLQDVPAELPAATADLDL
 SHNALQRLRPGWLAPLFQRLRALHLDHNELDALGRGVFNASGLRLDLSSNTLRALGRHDLGLGALEKLL
 FNNRLVHLDEHAFHGLRALSHLYLGCNELASFSDHLHGLSATHLLTDLSSNRLGHISVPELAALPAFL
 KNGLYLHNNPLPCDRLYLHLLQRWHQRLSAVRDFAREYVCLAFKVPASRVRFQHSRVFENCSSAPALG
 LERPEEHLIALVGRSLRLYCNTSVPAMRIAWVSPQQLRAPGSRDGSIAVLADGSLAIGNVQEQHAGLF
 VCLATGPRLHHNQTHEYNVSVHFPRPEPEAFNTGFTTLLGCAVGLVLVLLYLFAPPCRCRRACRCRRWP
 QTPSPLQELSAQSSVLSTTPDAPSRKASVHKHVVFLEPGRRGLNGRVQLAVAEFFDLYNPGLQLKAGS
 ESASSIGSEGMTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_198722

ORF Size:

1512 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_198722.1</u>
RefSeq Size:	3008 bp
RefSeq ORF:	1515 bp
Locus ID:	386724
UniProt ID:	<u>Q86WK7</u>
Cytogenetics:	3p21.31
MW:	55.2 kDa