

Product datasheet for **RC223859A1V**

Human **ALG10 (NM_032834)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ALG10
Synonyms:	ALG10A; DIE2; KCRI
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223859 representing NM_032834
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGCAGCTGGAAGGTTACTATTTCTCGGCCGCTTGAGCTGTACCTTTTTAGTATCCTGCCTCCTCT
 TCTCCGCTTCAGCCGGGCGTTGCGAGAGCCCTACATGGACGAGATCTCCACCTGCCTCAGGCGCAGCG
 CTAAGTGTAGGGCCATTCTCCCTTTCCAGTGGGATCCCATTGATTAACATTACCTGGCTTTGTACCTG
 GTGTCAATTGGAGTGATCAAACTGCCATTTGGATCTTTGGATGGTCTGAACATGTTGTCTGCTCCATTG
 GGATGCTCAGATTTGTTAATCTTCTTTCAGTGTGGCACTTCTATTTACTATATTTGCTTTTCTGCAA
 GGTACAACCCAGAAACAAGGCTGCCTCAAGTATCCAGAGAGTCTTGTCAACATTAACACTAGCAGTATTT
 CCAACACTTTATTTTTTAACCTCCTTTATTATACAGAAGCAGGATCTATGTTTTTACTCTTTTTCGCT
 ATTTGATGTGCTTTATGGAATCATAAACTTCAGCCTCCTTGGATTTTGTGGCTTCATGTTTCGGCA
 AACAAATATCATCTGGGCTGTCTTCTGTGCAGGAAATGTCATTGCACAAAAGTTAACGGAGGCTTGAAA
 ACTGAGCTACAAAAGAAGGACAGACTTCCACCTATTAAGGACCATTGTCAGAATTGAGAAAAATTC
 TTCAGTTTCTTTTGGCTTATTCATGTCTTTAAAACTTGAGTATGCTTTTGTCTTCTGACTTGGCCCTA
 CATCCTTCTGGGATTTCTGTTTTGTCTTTTGTAGTAGTTAATGGTGAATGTTATTGGCGATCGGAGT
 AGTCATGAAGCCTGTCTTCATTTTCTCACTATTCTACTTTTTTCACTTACTCTCTTTTTTCTTTTCT
 CTCATCTCCTGTCTCCTAGCAAAATTAAGACTTTTCTTCTTCTAGTTTGGAAACGTAGAATTCGTTTTT
 TGTGGTTACCTTAGTCTCTGTGTTTTAGTTTGGAAATTCAGTTATGCTCATAAATACTGTAGCAGAC
 AATAGACATTATACTTTCTATGTGTGGAAGAGTTTTTCAAAGATATGAACTGAAAATATTTGTTAG
 TTCCAGCCTATATTTGCTGGTTGGAGTATAGCTGACTCATTGAAATCAAAGTCAATTTTTTGAATTT
 AATGTTTTTTCATATGCTTGTTCAGTGTATAGTTCTCAGAACTGCTGGAATTTTCGTTACTTCATTTTA
 CCTTATGTCATTTATAGGCTTAACATACCTCTGCCTCCACATCCAGACTCATTGTGAACTGAGCTGCT
 ATGCAGTTGTTAATTTCACTTTTTCATCTTTCTGAACAAGACTTTTCAGTGGCCAAATAGTCAGGA
 CATTCAAAGGTTTATGTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223859 representing NM_032834
 Red=Cloning site Green=Tags(s)

MAQLEGYYFSAALSCTFLVSCLLFSAFSRALREPYMDEIFHLPQAQRYCEGHFSLSQWDPMITTLPLGLYL
 VSGIVKPAIWIFGWSEHVCSIGMLRFVNLLFSVGNFYLLYLLFCKVQPRNKAASSIQRVLSTLTLAVF
 PTLFYFNFLYYTEAGSMFFTLFAYLMCLYGNHKTSAFLGFCGFMFRQTNIIWAVFCAGNVIAQKLTEAWK
 TELQKEDRLPPIKGPFAEFRILQFLAYSMSFKNLSMLLLTWPYILLGFLFCAFVVVNGGIVIGDRS
 SHEACLHFPQLFYFFSFTLFFSFPHLLSPSKIKTFLSLVWKRRIFFVVTLVSVFLVWKFTYAHKYLLAD
 NRHYTFYVWKRVFQRYETVKYLLVPAYIFAGWSIADSLKSKSIFWNLMFFICLFTVIVPQKLLFRYFIL
 PYVIYRLNIPLPPTSRLICELSCYAVVNFITFFIFLNKTFQWPNSQDIQRFMW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_032834

ORF Size: 1419 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:	NM_032834.3
RefSeq Size:	3143 bp
RefSeq ORF:	1422 bp
Locus ID:	84920
UniProt ID:	Q5BKT4
Cytogenetics:	12p11.1
MW:	55.4 kDa