

Product datasheet for **RC200914A1V**

Human ALG8 (NM_024079) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ALG8
Synonyms:	CDG1H; PCLD3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200914 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGGCGCTCACAATTGCCACGGGACTGGCAATTGGTTTTCGGCTTTGGCGCTCGGGGTGACTCTTC
 TCAATGCCTTCTCATCCACATACCATTCACAGATTTTGAAGTACACCGAACTGGCTTGCTATCAC
 TCACAGTTTGCCAATATCACAGTGGTATTATGAGGCAACTTCAGAGTGGACGTTGGATTACCCCCCTTC
 TTTGCATGGTTGAGTATATCTGTACATGTTGCCAAATATTTGATCAAGAAATGCTGAATGTCCATA
 ATTTGAATTACTCCAGCTCAAGGACCTTACTTTCCAGAGATTTCCGTCATCTTTATGGATGACTCTT
 TGTGTATGCTGTCCGTGAGTGTCTGTAATGCATTGATGGAAAAAAGTGGGTAAGAACTTACAGAAAAAG
 CCAAAATTTATTCTGTGCGTATTACTTCTGTGGAACCTCGGGTTATTAATTGTGGACCATATTCAATTTTC
 AGTACAATGGCTTTTTATTGGATTAATGCTACTCTCCATTGCACGATTATTCAGAAAAGGCATATGGA
 AGGAGCATTTCTTTGCTGTTCTCTACATTTCAAGCATATCTACCTCTATGTAGCACCAGCTTATGGT
 GTATATCTGCTGCGATCTACTGTTTCACTGCAATAAACCCAGATGGGTCTATTCGATGGAAGAGTTTCA
 GCTTTGTTCTGTTATTTCCCTGGGACTGGTTGTTTTCTTAGTTTCTGCTCTTTCATTGGGTCCTTTCTCT
 GGCTTGAATCAGCTGCCTCAAGTCTTTTCCGACTCTTCTTTCAAGAGGGGCTCTGTGATGCATAT
 TGGGCTCCAACTTCTGGGCTTTGTACAATGCTTTGGACAAAGTGTCTGTCTGTCATCGGTTTGAATTTGA
 AATTTCTTGATCCCAACAATATCCCAAGGCCTCAATGACAAGTGGTTTGGTTCAAGCAGTTTCAACACAC
 AGTCTTCCCTCAGTACTCCCTGGCAACCTCATCTGCACACTGATTGCCATATTGCCCTCTATTTTC
 TGTCTTTGGTTTAAACCCCAAGGGCCAGAGGCTTTCTCGATGTCTAACTCTTTGTGCTTGAGCTCCT
 TTATGTTTGGGTGGCATGTTTCAAAAAAGCCATACTTCTAGCAATCTCCCAATGAGCCTTTTGTCTGT
 GGGAAAAGCAGGAGACGCTTCGATTTTCTGATTCTGACCACAACAGGACATTATCCCTCTTCTCTCTG
 CTCTTCACTGCACCAGAACTTCCCATTAATCTTACTCATGTTACTATTACCATATATAGTATTTCTG
 CACTGAAGACTTTATTCAGAAAAGAAAACTCTTTTAAATGGATGGAACCTTTCTACCTGCTTGGCCT
 GGGGCTCTGGAAGTCTGCTGTGAATTTGATTCCCTTTCACCTCCTGGAAGGTGAAGTACCCCTTCATC
 CCTTTGTTACTAACCTCAGTGTATTGTGACGTAGGCGTCACATATGCTTGGTTCAAACCTGTATGTTTCAG
 TATTGATTGACTCTGCTATTGGCAAGACAAAGAAACAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200914 protein sequence
 Red=Cloning site Green=Tags(s)

MAALTIATGTGNWFSALALGVTLKCLLIPTYHSTD FEVHRNWLAIHSLPISQWYYEATSEWTLDYPPF
 FAWFEYILSHVAKYFDQEMLNHNLYSSRTLLFQRF SVIFMDVLFVYAVRECKCIDGKKVKGELTEK
 PKFILSVLLLWNFGLLIVDHIHFQYNGFLFGLMLLSIARLFQKRHMEGAFLFAVLLHFKHIIYL YVAPAYG
 VYLLRSYCF TANKPDGSIRWKSFSFVRVISLGLVVFLVSALSLGPFLALNQLPQVFSRLFPFKRGLCHAY
 WAPNFWALYNALDKVLSVIGLKLKFLDPNNIPKASMTSGLVQQFQHTVLPVSVTPLATLICTLIAILPSIF
 CLWFKPQGPRGFLRCLTLCALSSF MFGWHVHEKAILLAILPMSLLSVGKAGDASIFLILTTTGHYSLFPL
 LFTAPELPIKILLMLFTIYSSSLKTLFRKEKPLFNWMTFYLLGLGLEVCCEFFVPFTSWKVKYPFI
 PLLLLTSVYCAVGVTYAWFKLYVSVLIDSAIGTKKKQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_024079
ORF Size: 1578 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_024079.4
RefSeq Size:	1668 bp
RefSeq ORF:	1581 bp
Locus ID:	79053
UniProt ID:	Q9BVK2
Cytogenetics:	11q14.1
MW:	60.1 kDa