

Product datasheet for **RC202313A1V**

Human AFG1L (NM_145315) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AFG1L (NM_145315) AAV Particle
Tag:	Myc-DDK
Symbol:	AFG1L
Synonyms:	AFG1; c222389; LACE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202313 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCGGCTCTGGTCGCTCTTGTTACCTGCGCCCTTAGCACAGAGCCGCTGAGAGGGAGATGTG
TTGGGTGCGGGGCTGGGCCGCCGCTCTCGCTCCTTGCCACCGCCCTGGGAAGCCCTTTGGAAAGC
CTATACGGTTCAGACATCCGAGAGCATGACCCAACTGCCACTTCAGAGACTTATTTGAAAGCTTTGGCC
GTTTGCCATGGACCTCTGGACCACTATGATTTCTGATCAAAGCTCATGAGCTAAAGGATGATGAACATC
AAAGAAGAGTCATACAGTGTTCGAGAAATTACACGAGGACCTTAAAGGATACAATATAGAGGCAGAAGG
CCTTTTTTCAAAGCTTTTTCAAGGAGCAAACCTCCAAGGGGCTGTATGTTTATGGAGATGTTGGTACA
GGAAAAACAATGGTGATGGACATGTTTTATGCTTATGTGAAATGAAGAGGAAAAACGGGTTCATTTTC
ATGGTTTCATGCTAGATGTGCACAAAAGAATACATCGCCTTAAACAGAGTTTGCCAAAAAGGAAACCAGG
ATTCATGGCTAAATCATATGACCAATAGCTCCCATAGCCGAAGAAATCAGCGAAGAAGCATGTCTCCTA
TGTTTTGATGAATTTAGGTCACTGACATTGCTGATGCCATGATTCTGAAACAGCTTTTTGAAAACTGT
TCAAAAACGGGTGCTGCTTGTGGCAACATCCAACAGGCCACCGGAAGATCTCTATAAAATGGACTCCA
AAGAGCTAACTTTGTACCATTCATAGCAGTCTTGAAGGAATATTGTAATACAGTCCAGCTAGATTCTGGG
ATAGATTACCGGAAAAGGGAACCTCCTGCTGCAGGAAACTCTACTACCTCACAAGTGAAGCTGATGTGG
AGGCTGTCATGGATAAGTTGTTTGATGAGCTGGCTCAGAAACAAATGATTTAACTAGACCAAGGATTCT
AAAAGTGCAAGGCAGAGAGCTGCGCCTGAATAAAGCCTGTGGAACCGTTGCCGACTGCACATTTGAAGAG
CTGTGTGAGAGACCACTTGGAGCCAGTACTATTTGGAATATCAAAGAATTTTGATACAATATTTTAC
GAAACATTCGCAATTTACTCTGGCAACAGGACTCAAGGTGGAAGATTCAACTCTCATCGATAACTT
TTATGATCTCAAGGTGCGTATAATTTGCTCTGCTCGACTCCTATATCAAGCTTATTTTGCATCAACAT
CATGACAGTGAGTTGGAGCAAAGCAGAATACTGATGGATGATTTGGGGCTGAGCCAGGATTGAGCAGAAG
GACTCTCCATGTTTACCGGAGAAGAGGAAATCTTGCATTTGAGCGCACAATTTCCCGACTCACGGAAAT
GCAGACTGAACAGTACTGGAATGAAGGAGACAGAACCAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202313 protein sequence

Red=Cloning site Green=Tags(s)

 MAASWSLLVTLRPLAQSPLRGRVCGGAWAAALAPLATAPGKPFWKAYTVQTSMTPTATSETYLKALA
VCHGPLDHYDFLIKAHELKDDEHQRRVIQCLQKLHEDLKGYNIEAEGLSKLFSSKPPRGLVYVGDTV
GKTMVMDMFYAYVEMKRKRKRVHFGFMLDVHKRIHRLKQSLPKRKPFGMAKSYDPIAPIAEEISEEACLL
CFDEFQVTDIADAMILKQLFENLFKNGVVVATSNRPPEDLYKNGLQRANFVPFI AVLKEYCNTVQLDSG
IDYRKRELPAAGKLYLTSEADVEAVMDKLFDELAQKQNDLTRPRIKVQGRELRNLKACGTVADCTFEE
LCERPLGASDYELSKNFDITFLRNIPQFTLANRTQGRRFITLIDNFYDLKVRIICSASTPISSFLHQH
HDSELEQSRILMDDLGLSQDSAEGLSMFTGEEEIFAFQRTISRLTEMQTEQYWNEDRTRK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_145315

ORF Size:

1443 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_145315.3</u>
RefSeq Size:	2262 bp
RefSeq ORF:	1446 bp
Locus ID:	246269
UniProt ID:	<u>Q8WV93</u>
Cytogenetics:	6q21
MW:	54.8 kDa