

Product datasheet for **RC207083A1V**

Human FLAD1 (NM_201398) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FLAD1 (NM_201398) AAV Particle
Tag:	Myc-DDK
Symbol:	FLAD1
Synonyms:	FAD1; FADS; LSMFLAD; PP591
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC207083 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACATCTAGGGCCTCTGAACCTTTCTCCGGGCGCAGCGTGACGGCTGGCATCATCATTGTTGGAGATG
 AGATCCTTAAGGGACACACTCAGGACACCAACACCTTCTTTCTGTGCCGGACACTGCGCTCCCTAGGGT
 CCAGGTTTGCCGAGTCTCAGTTGTACCTGATGAGGTAGCCACCATTGCAGCTGAGGTCACTTCTTTCTCC
 AACCGCTTCACCCATGTCCTCACAGCAGGGGGCATCGGCCCACTCATGATGATGTGACCTTTGAGGCAG
 TGGCACAGGCCTTTGGAGATGAGCTGAAGCCACACCCCAAGTTGGAAGCAGCCACCAAAGCCCTAGGAGG
 GGAAGGCTGGGAGAAGCTATCATTGGTGCCCTCCTCTGCCCGCTGCATTATGGCACAGATCCTTGCACT
 GGTCAACCTTTAGATTCCCTCTGGTCTCCGTCGAAACGTCTACCTCTTCCAGGCATTCCAGAGCTGC
 TCGCGCGGGTGTGGAGGGGATGAAGGGAATTTCCAAAACCCAGCTGTTCACTTCCACTCAAAGGAGCT
 ATATGTGGCTGCTGATGAAGCCTCCATCGCCCCATTCTGGCTGAGGCCAGGCCCACTTTGGACGTAGG
 CTTGGCCTGGGTTCTACCTGACTGGGGCAGCAACTACTATCAGGTGAAGCTGACTCTAGACTCAGAGG
 AAGAAGGACCCCTGGAGGAATGCTTGGCTACCTGACTGCCCGTTTGGCCAGGGATCGTGGTCCCTTA
 CATGCCAACGCTGTGGAGCAGGCCAGTGAGGCTGTATACAACTCGCTGAATCAGGGTCTTCTTTGGGG
 AAAAAGGTGGCAGGTGCCCTACAGACCTTACAGACCTCCCTGGCTCAGTACAGCCTCACCCAGCTCTGTG
 TGGGCTTCAACGGGGGCAAGACTGCACTGCCCTCCTGCACCTCTTCCATGCAGCTGTGCAGAGGAAATT
 ACCTGATGTTCCAAACCCCTCCAGATCCTGTATATCCGAGCATCTCCCTTTCCCTGAGCTGGAACAG
 TTTCTACAGGACACTATCAAGAGGTATAATCTGCAGATGTTGGAAGCTGAGGGCAGCATGAAGCAGGCC
 TGGGTGAAGTGCAGGCACGGCACCCCACTGGAGGCTGTCTTATGGGCACCCGCCGACTGACCCCTA
 CTCCTGTAGCCTCTGCCCTTTCAGCCCCACTGACCCAGGCTGGCCCGCATTATGCGCATCAACCCACTG
 CTGGACTGGACCTACAGAGACATCTGGATTTTCTGCGTCAGCTGTTTGTCCCATCTGTATCCTGTATG
 ACCGAGGATACACATCACTGGGGAGTCGGGAGAATACCGTGCGGAACCCGGCCCTGAAGTGCCTGAGCCC
 AGGAGGACACCCACATACCGTCCAGCCTATCTACTGGAGAACGAAGAAGAGGAGCGGAACTCCCGCACA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207083 protein sequence
 Red=Cloning site Green=Tags(s)

MTSRASELSPGRSVTAGIIIVGDEILKGHTQDNTFFLCRTLRLSLGVQVCRVSVVPDEVATIAAEVTSFS
 NRFTHVLTAGGIGPTHDDVTFEAVAQAFGDELKPHPKLEAATKALGGEGWEKLSLPSSARLHYGDPCT
 GQPFRRFPLVSVRNYYLFPPIPELLRRVLEGMKGLFQNPVQVHSELYVADEASIAPILAEQAHFGRRL
 LGLGSYPDWGSNYYQVKLTLDSEEEGLEECLAYLTARLPQGSVPYMPNAVEQASEAVYKLAESGSSLG
 KKVAGALQTIETSLAQYSLTQLCVGFNGGKDCTALLHLFHAHVQRKLPDVPNPLQILYIRISIPFPELEQ
 FLQDTIKRYNLQMLEAEGSMKQALGELQARHPQLEAVLMGTRRTDPYSCSLCPFSPDPGWPAFMRINPL
 LDWYTRDIWDFLRQLFVPYCILYDRGYTSLGSRNTVRNPALKCLSPGGHPTYPAYLLENEEEERNST

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_201398

ORF Size:

1470 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_201398.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	1473 bp
Locus ID:	80308
UniProt ID:	<u>Q8NFF5</u>
Cytogenetics:	1q21.3
MW:	54.2 kDa