

Product datasheet for **RC220396A1V**

Human FLCN (NM_144997) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FLCN (NM_144997) AAV Particle
Tag:	Myc-DDK
Symbol:	FLCN
Synonyms:	BHD; DENND8B; FLCL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220396 representing NM_144997
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAATGCCATCGTGGCTCTCTGCCACTTCTGCGAGCTCCACGGCCCCGCACTCTCTTCTGCACGGAGG
 TGCTGCACGCCCCACTTCTCAAGGGGATGGGAATGAGGACAGTCCTGGCCAGGGTGAGCAGGCGGAAGA
 AGAGGAAGGTGGCATTAGATGAACAGTCGGATGCGTGCGCACAGCCCCGAGAGGGGGCCAGCGTCGAG
 TCCAGCAGCCCCGGGGCCAAAAAGTCGGACATGTGCGAGGGCTGCCGGTCACTTGCTGCAGGGCACCCGG
 GATATATCAGCCATGATAAAGAGACCTCCATTAAATACGTGAGCCACCAGCAGCCAGCCAGCCAGCT
 CTTGAGCATTGTCCGCCAGGCTGTGTCCGAGCCTGAGCTGTGAGGTCTGCCCTGGCCGTGAAGCCCC
 ATCTTCTCGGAGATGAGCAGCAGGCTTTGTGTTGAGCCACACCTTCTTCATCAAGGACAGCCTGGCCA
 GGGGCTTCCAGCGCTGGTACAGCATCATCACCATCATGATGGACCGGATCTACCTCATCAACTCTGGCC
 CTTCTGCTGGGAAGGTCCGGGAATCATCGATGAGCTCCAGGCAAGGCGCTCAAGGTGTTTGAGGCA
 GAGCAGTTTGGATGCCACAGCGTGCTCAGAGGATGAACACAGCCTTCAGCCATTCTACACCAGAGGA
 ACGGCAACGCCGCCCGCTCGCTGACATCGCTGACAAGTATGACAACCTGTGGCGTGCCTGCACACCTC
 CTTTGCCTGGCTCCTGAAGGCGTGTGGCAGCCGGCTGACCGAGAAGCTCCTGGAAGGTGCTCCGACCGAG
 GATACCTTGGTCCAGATGGAGAAGCTCGCTGATTTAGAAGAGGAATCAGAAAGCTGGGACAACTCTGAGG
 CTGAAGAGGAGGAGAAAGCCCCGTGTGTTGCCAGAGAGTACAGAAGGGCGGGAGCTGACCCAGGGCCCCGGC
 AGAGTCCTCTCTCTCAGGCTGTGGGAGCTGGCAGCCCCGGAAGCTGCCAGTCTTCAAGTCCCTCCGG
 CACATGAGGCAGGTCTGGGTGCCCTTCTTTCCGATGCTGGCTGGCAGTCTCATGGGGAACCAGG
 TGATCTGGAAGCAGAGACGTGGACCTCGTCCAGTCAGCTTTTGAAGTACTTCGGACCATGCTTCCCGT
 GGGCTGCGTCCGCATCATCCCATACAGCAGCCAGTACGAGGAGGCTATCGGTGCAACTTCTGGGGCTC
 AGCCCGCAGCTGAGATCCCCCCCCACGTGCTCTCTCAGAGTTTGTGTGTCATCGTGGAGGTCCACGCAG
 CCGCACGTTCCACCCTCCACCCTGTGGGTGTGAGGATGACCAGTCTCTCAGCAAGTACGAGTTTGTGGT
 GACCAGTGGGAGCCCTGTAGTGCAGACCGAGTGGGCCCAACCTCCTGAATAAGATTGAAGCGGCTCTG
 ACCAACCAGAACCTGTCTGTGGATGTGGTGGACAGTGCCTCGTCTGCCTCAAGGAGGAGTGGATGAACA
 AAGTGAAGGTGCTTTTAAAGTTCACCAAGGTGGACAGTCGACCCAAAGAGGACACACAGAAGCTGCTGAG
 CATCTGGGTGCGTCCGAGGAGGACAATGTCAAGCTGCTGAAGTCTGGATGACTGGCCTGAGCAAGACC
 TACAAGTCACACCTCATGTCCACGGTCCGACGCCCCACAGCCTCGGAGTCTCGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNAIVALCHFCELGHPRTLFCTEVLHAPLPQGDGNEDSPGQGEQAEIEEGGIQMNSRMRAHSPAEGASVE
 SSSPGPKSMDCEGCRSLAAGHPGYISHDKETSIKYVSHQHPSPQLFSIVRQACVRSLSCEVCPGREGP
 IFFGDEQHGFFVSHTFFIKDSLARGFQRWYSIITIMMDRIYLINSWPFLLGKVRGIIDELQGKALKVFEA
 EQFGCPQRAQRMNTAFTPFLHQNGNAARSLTSLTSDNLWACLHTSFAWLLKACGSRLTEKLLEGAPTE
 DTLVQMEKLADLEEESESWDNSEAEIEEKAPVLPSTEGREL TQGAESSLSGCGSWQPRKLPVFKSLR
 HMRQVLGAPSRMLAWHVLGMNQVIWKS RDVDLVQSAFEVLR TMLPVGCVRIIPYSSQYEEAYRCNFLGL
 SPHVQIPPHVLSSEFAVIVEVHAAARSTLHPVGCEDDQSLSKYEFVVTSGSPVAADRVGPTILNKIEAAL
 TNQNLSDVDVQCLVCLKEEWMNKVKVLFKFTKVDSPKEDTQKLLSILGASEEDNVKLLKFWMTGLSKT
 YKSHLMSTVRSPTASESRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_144997
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F8161
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_144997.4</u>
RefSeq Size:	3717 bp
RefSeq ORF:	1740 bp
Locus ID:	201163
UniProt ID:	<u>Q8NFG4</u>
Cytogenetics:	17p11.2
MW:	64.3 kDa