

Product datasheet for **MR222918A1V**

Mouse Ankk1 (NM_172922) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ankk1 (NM_172922) AAV Particle
Tag:	Myc-DDK
Symbol:	Ankk1
Synonyms:	9930020N01Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR222918 representing NM_172922
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGCCACACAGAGCCAGGAGGCTTCTGAACCCCATGGCAGTCGGTCCCTTGGCGCAGCAGCTGGCA
 GCCTCACCGTCTTACGAGGGATGATTTTGAGGAAGAATGGCACCTAGTAGCCAGTGGTGGCTTCAGCAA
 GGTGTTCCAGGCGAGGCACAAGCGCTGGAGGACCCAGTACGCCATCAAGTGCTCCCCGTGCCTCCAGAAG
 GAAACCACCAGCTCTGAGGTGACCTGCCTCTTTGAAGAAGCAGTCAAAATGGAGAAGATTAAGTTTCAAC
 ACATCGTGTCCATCTATGGGTCTGTAAGCAGCCCTGGGCATTGTGATGGAGTTCATGGCCAGTGGTTC
 CCTGGAGAAGACACTACCTACCCACAGCCTCTGCTGGCCACTCAAGCTCCGCATCATCCATGAGACCAGC
 TTGGCCATGAACCTTCTCCACAGCATTAAGCCACCCCTGCTCCACCTGGACCTTAAGCCAGGCAACATCC
 TGCTGGACAACAACATGCATGTCAAGATTTCCGATTTTGGCCTGTCCAAGTGGATGGAGCAGTCAACTCA
 GAAGCAGTACATTGAGAGATCAGCTCTGAGGGGGACACTCAGCTACATCCCTCCTGAAATGTTCTGGAG
 AATAACAAGGCTCCGGGGCTGAATATGATGTGTACAGCTTTGCAATTGCATCTGGGAGATTCTCACTC
 AGAAGAAACCTATGCAGGGCTCAATATGATGACTATTATCATCCGGGTAGCTGCAGGCATGAGGCCCTC
 CTTGCAGGATGTCTCTGATGAGTGGCCAGAGGAGGTACATCAAATGGTGAACCTGATGAAGCGCTGTTGG
 GACCAAGACCCCAAGAAGAGGCCATGTTTCTAAATGTGGCCGTCGAGACAGACATGCTACTGTCCTGT
 TCCAGAGCCCCATGACAGACCTGGGTGTGAAGCCCTGACCCAGAAGGTGTCTTGCAAGCCATCGCTGAG
 CCAACCCCAACAAGGTGAGCAAGGAGGTCAACCAGGAGATTGCAGACAGTGTCTCAAGTGAATCCTTGAAG
 TGGATCCTACAGCTCTCTGACAGCAAGAGCTTGGTCGCAAGTATGTCTACGAGAATAGGGTGAATCCCC
 TACACTTTCTAGTGGCCGGAGGCAGCTTGGACAGGTGAGGCTGCTGCTGTCCCACGACGTTGATGTAGA
 TTGCCAGACAGCCTCTGGCTATACGCCACTCCTCATTGGCCACCCAGGACAGCAGCCTGACCTCTGTGCC
 CTGCTCCTGGCACATGGTGTGATACCAACCTGGCAGACGAAGATGGCTGGGCCCCACTGCATTTTGCAG
 CCCAGAATGGGGATGACCACACTGCCCGTCTGCTCCTGGACCACGGGGCCCTGGTGAATGCACGGGAGCA
 CGAGGGCTGGACCCCACTCCACCTGGCTGCACAGAACAACCTTTGAGAATGTGGCACGGCTTCTGGTCTCC
 CGTCAGGCTGACCTCAGCCACACGAGGCTGAAGGCAAGACTCCCCTTCATGTTGCAGCCTACTTTGGTC
 ACATTGGCTTGGTCAAGCTTCTGTGAGGACAGGAGCAGAGCTGGATGCTCAGCAGAGAAACCTGAGGAC
 ACCCTGCACCTAGCAGTGGAGAGGGGAAAGTGAGAGCCATTGAGCACCTGCTAAAATGTGGGGCACTC
 CCTGATGCCCTTGACCACAGCGCTACAGCCCTTTGCACATTGCTGCAGCCAGGGGCAAGGACCTTATCT
 TTAAGATGCTTCTCAGATATGGAGCCAGCCTTGAGCTACGCACACAACAGGGATGGACACCCCTGCACCT
 AGCCACTTACAAGGGTACCTGGAGATCATCCATCAGTTGGCCAAGAGCCATGTAGACCTAGATGCTCTT
 GGAAGTATGCAATGGACTCCCCTGCACCTGGCTGCCTTCCAAGGGGAGGAGGGGGTATGCTGGCACTGC
 TACAGTGTGGGGCAACCCCAATGCTGCTGAGCAGTCAAGGCTGGACTCCTCTCCATCTGGCAGTGCAAA
 AGGAACCTTCTGGGCATCACCCACCTTCTGGAGTATGGTGTGACATCCATGCTTGCAACAAGGTGGGC
 TGGACACCTGCCACCTGGCTGCTCTCAAGGGCAACACAGCCATCCTCAAAGTTCTAGTTAAAGCTGCTG
 CACAGGTGGATGTCAAGGGTGGAGTTAGCTGCACACCCCTGCAGCTGGCCATCCACAGCCCAAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR222918 representing NM_172922 Red=Cloning site Green=Tags(s) MVPHRRRLNPMAGVPLAQQLGSLTVFTRDDFEEEWHLVASGGFSKVFQARHKRWRTQYAIKCSPCLQK ETTSSEVTCLFEEAVKMEIKIFQHIVSIYGVCKQPLGIVMEFMASGSLEKTLPTHSLCWPLKLRIIHETS LAMNFLHSIKPPLLHDLKPGNILLDNNMHVKISDFGLSKWMEQSTQKQYIERSALRGTL SYIPPEMFLE NNKAPGPEYDVYSFAIVIWEILTQKKPYAGLNMMTIIIRVAAGMRPSLQDVSEWPEEVHQMVNLMKRCW DQDPKKRPCFLNVAVEDMLLSLFQSPMTDPGCEALTQKVSCKPSLSQPHKVSKEVNQEIADSVSSDSLK WILQLSDSKSLVASDVYENRVTPHFLVAGGSLEQVRLLLSHDQVDCQTASGYTPLLIATQDQQPDLCAL LLLAHGADTNLADEGWAPLHFAAQNGDDHTARLLLDHGALVNAREHEGWTPHLAAQNNFENVARLLVS RQADLSPHEAEGKTPLHVAAYFGHIGLVKLLSGQGAELDAQQRNLRTPLHLAVERGKVRAIQHLLKCGAL PDALDHSGYSPLHIAAARGKDLIFKMLLRYGASLELRTOQGWTPHLATYKGHLEIIHQAKSHVDLDAL GSMQWTPHLAAAFQEGGVMLALLQCGANPNAAEQSGWTPHLAVHKGTFLGITHLLEYGADIHACNKVG WTPAHLAALKGNTAILKVLVAAAQVDVKGGVSCPTPLQLAIHSPK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172922
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F3483
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_172922.3</u>
RefSeq Size:	2686 bp
RefSeq ORF:	2238 bp
Locus ID:	244859
UniProt ID:	<u>Q8BZ25</u>
Cytogenetics:	9 A5.3
MW:	82.9 kDa