

Product datasheet for **RC225795A1V**

Human Calcineurin A (PPP3CA) (NM_001130692) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Calcineurin A
Synonyms:	ACCIID; CALN; CALNA; CALNA1; CCN1; CNA1; IECEE; IECEE1; PPP2B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225795 representing NM_001130692
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCGAGCCCAAGGCAATTGATCCCAAGTTGTCGACGACCGACAGGGTGGTAAAAGCTGTTCCATTTT
 CTCCAAGTCACCGGCTTACAGCAAAAGAAGTGTTTGATAATGATGGAAAACCTCGTGTGGATATCTTAAA
 GGCGCATCTTATGAAGGAGGGAAGGCTGGAAGAGAGTGTTCATTGAGAATAATAACAGAGGGTGCATCA
 ATTCTTCGACAGGAAAAAATTTGCTGGATATTGATGCGCCAGTCACTGTTTGTGGGACATTTCATGGAC
 AATTCTTTGATTTGATGAAGCTCTTTGAAGTCGGGGGATCTCTGCCAACACTCGCTACCTCTTCTTAGG
 GGACTATGTTGACAGAGGGTACTTCAAGTATTGAATGTGTGCTGTATTTGTGGGCTTGAAAAATCTTAC
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 AAGAATGTAAATAAAGTATTCAGAACGCGTATATGATGCCTGTATGGATGCCTTTGACTGCCTTCCCCT
 GGCTGCCCTGATGAACCAACAGTTCCTGTGTGTCATGGTGGTTTGTCTCCAGAGATTAACACTTTAGAT
 GATATCAGAAAATTAGACCGATTCAAAGAACCACCTGCATATGGACCTATGTGTGATATCCTGTGGTCAG
 ACCCCTGGAAGATTTTGGAAATGAGAAGACTCAGGAACATTTCACTCACAACACAGTCAGGGGGTGTTC
 ATACTTCTACAGTTACCCGGCTGTATGTGAATCTTACAGCACAATAACTTGTATCTATACTCCGAGCC
 CACGAAGCCCAAGATGCAGGGTACCGCATGTACAGGAAAAGCCAAACAGGCTTCCCTTCTCTAATTA
 CAATTTTTTTCAGCACCAAAATTAAGTATGATATACAATAACAAAGTGACTGAGATGCTGGTAAATGCTCT
 CAACATCTGCTCAGATGATGAAGTGGTTCAGAAAGATGGATTTGATGGTGCACAGCTGCAGCCCGG
 AAAGAGGTGATAAGGAACAAGATCCGAGCAATAGGCAAAATGGCCAGAGTGTCTCAGTGCTCAGAGAAG
 AGAGTGAGAGTGTGCTGACGCTGAAAGGCTTGACCCCACTGGCATGCTCCCGAGGAGTACTTTCTGG
 AGGGAAGCAAAACCTGCAAGCGCTATCAAAGGATTTTACCACAACATAAGATCACTAGCTTCGAGGAA
 GCCAAGGGCTTAGACCGAATTAATGAGAGGATGCCGCTCGCAGAGATGCCATGCCCTCTGACGCCAAC
 TTAACCTCCATCAACAAGGCTCTCACCTCAGAGACTAACGGCACGGACAGCAATGGCAGTAATAGCAGCAA
 TATTCAG

AGCGGACCGACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC225795 representing NM_001130692
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MSEPKAIDPKLSTDRVVKAVFPFPPSHRLTAKEVFDNDGKPRVDILKAHLMKEGRLEESVALRIITEGAS
 ILRQENLLDIDAPVTVCEDIHQFFDLMKLFEVGGSPANTRYLFLGDYVDRGYFSIECVLYLWALKILY
 PKTLFLLRGNHECRHLEYFTFKQECKIKYSERYVDACMDAFDCLPLAALMNQQFLCVHGLSPEINTLD
 DIRKLRDFKEPPAYGPMCDILWSDPLEDFGNEKTQEHFTHNTVRGCSYFYSYPAVCEFLQHNNLLSILRA
 HEAQDAGYRMYRKSQTTGFPSLITIFSAPNYLDVYNNKVTEMLVNVLNICSDDELGSEEDGFDGATAAAR
 KEVIRNKKIRAIKMARVFSVLREESESVLTLKGLTPTGMLPSGVLGGKQTLQSAIKGFSPOHKITSFEE
 AKGLDRINERMPRRDAMPDANLNSINKALTSETNGTDSNGSNSNIQ

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001130692

ORF Size: 1407 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_001130692.1</u>
RefSeq ORF:	1410 bp
Locus ID:	5530
UniProt ID:	<u>Q08209</u>
Cytogenetics:	4q24
MW:	52.5 kDa