

Product datasheet for **RC200921A1V**

Human **CBARA1 (MICU1) (NM_006077) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CBARA1
Synonyms:	ara CALC; CALC; CBARA1; EFHA3; MPXPS
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200921 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTTCGTCGAACTCACTTTCTGCTTTGGCAGAACTGGCTGTGGTTCTCGATGGTACCATGGAGGAT
 CACAGCCCATCCAGATCCGGCGAAGACTAATGATGGTGGCTTTCTGGGAGCATCTGCAGTAAGTCAAG
 TACTGGTCTTTTGTGGAAGAGGGCCCATGCAGAATCTCCACCATGTGTAGACAACCTAAAAAGTGACATC
 GGTGATAAAGGGAAGAATAAAGATGAAGGGGATGTTTGTAAACCATGAGAAAAAGACTGCAGATCTTGCCC
 CTCACCCAGAAAGAAAAAGAAACGTTCTGGATTGAGAGACAGAAAAAGTATGGAATATGAGAATAG
 GATTTCGAGCCTACTCCAGCCAGACAAAACTTCCGATATTTGCCACCTTGAAAGTCATCAGTGAGCCT
 GGTGAAGCAGAAGTGTTATGACACCAGAAGATTTGTGCGATCCATAACACCAATGAAAAACAACAG
 AACACTTGGGTCTGGATCAATATATAATAAACGCTTTGATGGAAGAAAAATTTCCAGGAACGAGAAAA
 ATTTGCTGATGAAGGCAGTATATTTACACCTTGGAGAATGTGGGCTCATATCCTTTTCAGACTACATT
 TTCCTCACAACCTGTTCTTCCACTCCTCAGAGAAATTTGAAATTGCCTTCAAGATGTTTGAATTTGAATG
 GAGATGGAGAAGTAGATATGGAAGAATTTGAACAGGTTGAGAGCATCATTCGCTCCCAACAGTATGGG
 TATGCGCCACAGAGATCGTCCAACACTGCGCAACACCTCAAGTCTGGCTTGTTTCAGCCCTCACAAAC
 TACTTTTTTGGAGCTGATCTGAAGGAAAGCTGACAATCAAAAACCTTCTCGAATTTGAGCGTAACTGC
 AGCATGATGTTCTGAAGCTTGAGTTTGAACGCCATGACCCTGGATGGGAGAAATTACTGAGAGGCAGTT
 TGGTGGCATGCTACTTGCTACAGTGGGTGTCAGTCCAAGAAGCTGACCGCCATGCAGAGGCAGCTCAAG
 AAGCACTTCAAGAAGGAAAGGGTCTGACATTTGAGGAGTGGAGAATCTTTACTTTCTAAAGAACA
 TTAATGATGTGGACACTGCATTGAGTTTTTACCATATGGCTGGAGCATCTTTGATAAAGTACCATGCA
 GCAGGTGGCCAGGACAGTGGCTAAAGTGGAGCTCTCAGACCACGTGTGTATGTGGTGTTCACACTCTTT
 GACTGTGATGGCAATGGCGAACTGAGCAATAAGGAATTTGTTTCCATCATGAAGCAACGGCTGATGAGAG
 GCCTGGAAAAGCCCAAGACATGGGTTTCACTCGCCTCATGCAGGCCATGTGGAATGTGCACAGGAAAC
 TGCTGGGACTTCGCTTACCCAAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200921 protein sequence
 Red=Cloning site Green=Tags(s)

MFRLNSLSALAEAVGSRWYHGGSQPIQIRRLMMVAFLGASAVTASTGLLWKRAHAESPPCVDNLKSDI
 GDKGKNKDEGDVCNHEKKTADLAPHPEEKKKRSGFRDRKVMYENRIRAYSTPDKIFRYFATLKVISEP
 GEAEVFMTPEDFVRSITPNEKQPEHLGLDQYIIKRFDGKKISQEREKFADEGSIFYTLGECGLISFSDYI
 FLTTVLSTPQRNFEIAFKMFDLNGDGEVDMEEFEQVQSIIRSQTSMGMRHRDRPTTGNTLKSGLCSALT
 YFFGADLKGKLTIKNFLEFQRKLQHDVLKLEFERHDPVDGRITERQFGGMLLAYSGVQSKKLTAMQRQLK
 KHFKEGKGLTFQEVENFFTLKNINDVDTALSFYHMAGASLDKVTMQQVARTVAKVELSDHVCDDVVFALF
 DCDGNGELSNKEFVSIMKQRLMRGLEKPKDMGFTRLMQAMWKCAQETAWDFALPKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_006077
ORF Size: 1428 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:	NM_006077.2
RefSeq Size:	2506 bp
RefSeq ORF:	1437 bp
Locus ID:	10367
UniProt ID:	Q9BPX6
Cytogenetics:	10q22.1
MW:	54.4 kDa