

Product datasheet for **RC239070A1V**

Human MCCC1 (NM_001293273) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MCCC1 (NM_001293273) AAV Particle
Tag:	Myc-DDK
Symbol:	MCCC1
Synonyms:	MCC-B; MCCA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC239070 representing NM_001293273
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGGTGTGGAGGCAAAGAACCATGAAGTACACAACAGCCACAGGCAGATGAAGCATATTCATCGGCC
 CGCTCCCTCCCAGCAGAGCTACCTATCTATGGAGAAAATCATTCAAGTGCCAAGACCTCTGCTGCACAG
 CACATCCAAATCCATAATGGCTGCTGCTGGAGTACCTGTTGTGGAGGGTTATCATGGTGAGGACCAATCA
 GACCAGTGCCTGAAGGAACACGCCAGGAGAATTGGCTATCCTGTCATGATTAAAGCCGTCGGGGTGGAG
 GAGGAAAAGGAATGAGGATTGTTAGATCAGAACAAGAATTTCAAGAACAGTTAGAGTCAGCACGGAGAGA
 AGCTAAGAAGTCTTTCAATGATGATGCTATGCTGATCGAGAAGTTGTAGACACACCGAGGCATGTAGAA
 GTCCAGGTGTTTGGTGATCACCATGGCAATGCTGTGTAATTGTTGAAAGAGACTGTAGTGTGCAGAGGC
 GACATCAGAAGATCATTGAGGAGGCCCGAGCGCTGGTATTAATCTGAAGTAAGAAAAAGCTGGGAGA
 AGCTGCAGTCAGAGCTGCTAAAGCTGTAATTATGTTGGAGCAGGGACTGTGGAGTTTATTATGGACTCA
 AAACATAATTTCTGTTTCATGGAGATGAATACAAGGCTGCAAGTGGAACATCCTGTTACTGAGATGATCA
 CAGGAAGTGAATTGGTGAGTGGCAGCTTAGAATTGCAGCAGGAGAGAAGATTCTTTGAGCCAGGAAGA
 AATAACTCTGCAGGGCCATGCCTTCAAGCTAGAATATATGCAGAAGATCCTAGCAATAACTTTCATGCCT
 GTGGCAGGCCCATTAGTGCACCTCTCTACTCCTCGAGCAGACCTTCCACCAGGATTGAACTGGAGTAC
 GGCAAGGAGACGAAGTTTCCGTGCATTATACCCCATGATTGCGAAGCTGGTCTGTGGGCAGCAGATCG
 CCAGGCGGCATTGACAAAAGTACAGCTTTCGTGAGTACAATATTGTTGGACTGCACCAACATT
 GACTTCTTACTCAACCTGTCTGGCCACCCAGAGTTTGAAGCTGGGAACGTGCACACTGATTTATCCCTC
 AACACCACAAACAGTTGTTGCTCAGTCGGAAGGCTGCAGCCAAAGAGTCTTTATGCCAGGCAGCCCTGGG
 TCTCATCTCAAGGAGAAAGCCATGACCGACACTTTCCTCTTCAGGCACATGATCAATTCTCTCCATTT
 TCGTCTAGCAGTGAAGAAGACTGAATATCTCGTATACCAAGAACATGACTCTTAAGATGGTAAAAACA
 ATGTAGCCATAGCTGAACGTATAACCATGATGGGTCTTATAGCATGCAGATTGAAGATAAACTTTCCA
 AGTCTTGGTAATCTTTACAGCGAGGGAGACTGCACCTACCTGAAATGTTCTGTTAATGGAGTTGCTAGT
 AAAGCGAAGCTGATTATCCTGGAACACTATTTACCTATTTTCCAAGGAAGGAAGTATTGAGATTGACA
 TTCCAGTCCCCAAATACTTATCTTGTGAGCTCACAAGAACTCAGGGCGGCCCTTAGCTCCTATGAC
 TGAACCATTTGAAAAGGTGTTTGTCAAAGCTGGAGACAAAGTAAAGCGGGAGATTCCCTCATGGTTATG
 ATCGCCATGAAGATGGAGCATACCATAAAGTCTCAAAGGATGGCACAGTAAAGAAAGTGTCTACAGAG
 AAGGTGCTCAGGCCAACAGACACACTCCTTTAGTCGAGTTTGAGGAGGAAGAATCAGACAAAAGGAATC
 GGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGVEAKNHEVHNSHRQMKHIPSAPLPPSRATYLWRKSFKWPRPLLHSTSKSIMAAAGVPVVEGYHGEDQS
 DQCLKEHARRIGYPVMIKAVRGGGKGMRIVRSEQEFQEQLSARREAKKSFNDAMLIEKFVDTPRHVE
 VQVFGDHHGNAVYLFERDCSVQRRHQIIEEAPAPGIKSEVRKKLGEAAVRAAKAVNYVGAGTVEFIMDS
 KHNFCFMMNTRLQVEHPVTEMITGTDLVEWQLRIAAGEKIPLSQEEITLQGHAFEARIAEDPSNNFMP
 VAGPLVHLSTPRADPSTRIETGVRQGDVSVHYDPMIAKL VVWAADRQAALTKLRYSLRQYNIIVGLHTNI
 DFLNL SGHPEFEAGNVHTDFIPQHHKQLLSRKAALKESLCQAALGLILKEKAMTDTFTLQAHQDFSPF
 SSSSGRRLNISYTRNMTLKDGNVVAIAVTYNHDGSYSMQIEDKTFQVLGNLYSEGDCYTKCSVNGVAS
 KAKLIILENTIYLFKEGSEIIDIIPVKYLSVSSQETQGGPLAPMTGTIEKVFVKAGDKVKAGDSLMMV
 IAMKMEHTIKSPKDGTVKKVFYREGAQRNHTPLVEFEFEESDKRESE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001293273
ORF Size:	1824 bp
Buffer:	PBS with 0.001% Pluronic F10828
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_001293273.1, NP_001280202.1</u>
RefSeq Size:	2302 bp
RefSeq ORF:	1827 bp
Locus ID:	56922
UniProt ID:	<u>Q96RQ3</u>
Cytogenetics:	3q27.1
MW:	68.4 kDa