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# Product datasheet for RC202890A1V

## Human MCC (NM_002387) AAV Particle

### Product data:

| | |
|---|---|
| **Product Type:** | AAV Particles |
| **Product Name:** | Human MCC (NM_002387) AAV Particle |
| **Tag:** | Myc-DDK |
| **Symbol:** | MCC |
| **Synonyms:** | MCC1 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pAAV-AC-Myc-DDK (PS100089) |



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**ORF Nucleotide Sequence:**

>RC202890 representing NM_002387
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATTCCGGAGTTGCCATGAAATATGGAAACGACTCCTCGGCCGAGCTGAGTGAGCTCCATTCAGCAG
CCCTGGCATCACTAAAGGGAGATATAGTGGAACTTAATAAACGTCTCCAGCAAACAGAGAGGGAACGGGA
CCTTCTGGAAAAGAAATTGGCCAAGGCACAGTGCGAGCAGTCCCACCTCATGAGAGAGCATGAGGATGTC
CAGGAGCGAACGACGCTTCGCTATGAGGAACGCATCACAGAGCTCCACAGCGTCATTGCGGAGCTCAACA
AGAAGATAGACCGTCTGCAAGGCACCACCATCAGGGAGGAAGATGAGTACTCAGAACTGCGATCAGAACT
CAGCCAGAGCCAACACGAGGTCAACGAGGACTCTCGAAGCATGGACCAAGACCAGACCTCTGTCTCTATC
CCCGAAAACCAGTCTACCATGGTTACTGCTGACATGGACAACTGCAGTGACCTGAACTCAGAACTGCAGA
GGGTGCTGACAGGGCTGGAGAATGTTGTCTGCGGCAGGAAGAAGAGCAGCTGCAGCCTCTCCGTGGCCGA
GGTGGACAGGCACATTGAGCAGCTCACCACAGCCAGCGAGCACTGTGACCTGGCTATTAAGACAGTCGAG
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CAAACTCGACTACAGAGCGTGCAGGCCACAGGTCCCTCCAGCCCTGGCCGCCTCACTTCCACCAACCGCC
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TGAGAGGGTGAAGCTATCAAAGACAAGGTCCGAATCGTCATCATCTGATCGGCCAGTCCTGGGCTCAGAA
ATCAGTAGCATAGGGGTATCCAGCAGTGTGGCTGAACACCTGGCCCACTCACTTCAGGACTGCTCCAATA
TCCAAGAGATTTTCCAAACACTCTACTCACACGGATCTGCCATCTCAGAAAGCAAGATTAGAGAGTTTGA
GGTGGAAACAGAACGGCTGAATAGCCGGATTGAGCACCTCAAATCCCAAAATGACCTCCTGACCATAACC
TTGGAGGAATGTAAAAGCAATGCCGAGAGGATGAGCATGCTGGTGGGAAAATACGAATCCAATGCCACAG
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AGGCCCTGCTCATGAAGCTGGACGGCAGCTGTGGGGGAGCCTTTGCCGTGGCCGGCTGCAGCGTGCAGCC
CTGGGAGAGCCTTTCCTCCAACAGCCACACCAGCACAACCAGCTCCACAGCCAGTAGTTGCGACACCGAG
TTCACTAAAGAAGACGAGCAGAGGCTGAAGGATTATATCCAGCAGCTCAAGAATGACAGGGCTGCGGTCA
AGCTGACCATGCTGGAGCTGGAAAGCATCCACATCGATCCTCTCAGCTATGACGTCAAGCCTCGGGGAGA
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GAGTTGAAGGCCCAGCTCTACCTACTGGAGAAAGAGAAGAAGGCCCTGGAGCTGAAGCTGAGCACGCGGG
AGGCCCAGGAGCAGGCCTACCTGGTGCACATTGAGCACCTGAAGTCCGAGGTGGAGGAGCAGAAGGAGCA
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CCAACGCCATTCGTCGAGAAAAGAAGTTGAAGGCCAGAGTTCAAGAGCTGGTGAGTGCCTTGGAGAGACT
CACCAAGAGCAGTGAAATCCGACATCAGCAATCTGCAGAGTTCGTGAATGATCTAAAGCGGGCCAACAGC
AACCTGGTGGCTGCCTATGAGAAAGCAAAGAAAAAGCATCAAAACAAACTGAAGAAGTTAGAGTCGCAGA
TGATGGCCATGGTGGAGAGACATGAGACCCAAGTGAGGATGCTCAAGCAAAGAATAGCTCTGCTAGAGGA
GGAGAACTCCAGGCCACACACCAATGAAACTTCGCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC202890 protein sequence
Red=Cloning site Green=Tags(s)

MNSGVAMKYGNDSSAELSELHSAALASLKGDIVELNKRLQQTERERDLLEKKLAKAQCEQSHLMREHEDV
QERTTLRYEERITELHSVIAELNKKIDRLQGTTIREEDEYSELRSELSQSQHEVNEDSRSMDQDQTSVSI
PENQSTMVTADMDNCSDLNSELQRVLTGLENVVCGRKKSSCSLSVAEVDRHIEQLTTASEHCDLAIKTVE
EIEGVLGRDLYPNLAEERSRWEKELAGLREENESLTAMLCSKEEELNRTKATMNAIREERDRLRRRVREL
QTRLQSVQATGPSSPGRLTSTNRPINPSTGELSTSSSSNDIPIAKIAERVKLSKTRSESSSSDRPVLGSE
ISSIGVSSSVAEHLAHSLQDCSNIQEIFQTLYSHGSAISESKIREFEVETERLNSRIEHLKSQNDLLTIT
LEECKSNAERMSMLVGKYESNATALRLALQYSEQCIEAYELLLALAESEQSLILGQFRAAGVGSSPGDQS
GDENITQMLKRAHDCRKTAENAAKALLMKLDGSCGGAFAVAGCSVQPWESLSSNSHTSTTSSTASSCDTE
FTKEDEQRLKDYIQQLKNDRAAVKLTMLELESIHIDPLSYDVKPRGDSQRLDLENAVLMQELMAMKEEMA
ELKAQLYLLEKEKKALELKLSTREAQEQAYLVHIEHLKSEVEEQKEQRMRSLSSTSSGSKDKPGKECADA
ASPALSLAELRTTCSENELAAEFTNAIRREKKLKARVQELVSALERLTKSSEIRHQQSAEFVNDLKRANS
NLVAAYEKAKKKHQNKLKKLESQMMAMVERHETQVRMLKQRIALLEEENSRPHTNETSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|---|---|
| **Species:** | Human |
| **Serotype:** | AAV-2 |
| **ACCN:** | NM_002387 |
| **ORF Size:** | 2487 bp |
| **Buffer:** | PBS with 0.001% Pluronic F5379 |
| **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_002387.1 |
| **RefSeq Size:** | 8223 bp |
| **RefSeq ORF:** | 2490 bp |
| **Locus ID:** | 4163 |
| **UniProt ID:** | P23508 |
| **Cytogenetics:** | 5q22.2 |
| **MW:** | 93.1 kDa |