

## Product datasheet for **RC204900A1V**

### Human CDR2 (NM\_001802) AAV Particle

#### Product data:

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Type:             | AAV Particles                       |
| Product Name:             | Human CDR2 (NM_001802) AAV Particle |
| Tag:                      | Myc-DDK                             |
| Symbol:                   | CDR2                                |
| Synonyms:                 | CDR62; Yo                           |
| Mammalian Cell Selection: | None                                |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)          |



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## ORF Nucleotide Sequence:

>RC204900 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCTGGCGGAAACCTGGTAGAGGAGTTTGTAGATGAAGGAGGACGAGCCGTGGTACGACCACCAGGACC  
 TCCAGCAAGATCTTCAACTTGCTGCTGAGCTTGGGAAGACATTACTGGATCGGAACACAGAGTTGGAGGA  
 CTCTGTTTCAGCAGATGTATACAACCAATCAGGAGCAGTTACAGGAAATTGAGTATCTGACGAAGCAAGTG  
 GAACTTCTACGGCAGATGAACGAACAACATGCAAAGGTTTATGAACAATTAGACGTACAGCAAGGGAAC  
 TGAAGAACAACAAAGCTAGTTGCTGACAGCAAGGCCTCAGCAAAAGATTCTGAGCCTGACTGA  
 AACGATTGAATGCCTGCAACCAACATTGATCACCTCCAGAGCCAAGTGAGGAGCTGAAGTCATCTGGC  
 CAAGGGAGAAGGAGCCCGGGAAGGTGTGACCAGGAGAAACCGGCACCCAGCTTTGCATGTCTGAAGGAGC  
 TGTATGACCTCCGCCAACACTTCGTGTATGATCATGTGTTGCTGAGAAGTCACTTCCTTGCAAGGTCA  
 GCCAAGCCCTGATGAAGAGGAAATGAGCACTTGAAGGAAACAGTGACAATGTTGCAGGCCAGCTGAGC  
 CTGGAGCGGCAGAAAGCGGGTACTATGGAGGAGGAATATGGGCTCGTGTTAAAGGAGAACAGTGAAGTGG  
 AGCAGCAGCTGGGGGCCACAGGTGCCTACCGAGCACGGGCGCTGGAAGTAAAGGCCGAGGTGGCAGAGAT  
 GCGACAGATGTTGCACTCAGAGCATCCATTTGTAATGGAGTTGAGAAGCTGGTCCAGACTCTCTGTAT  
 GTTCCTTTCAAAGAGCCAGCCAGAGCCTGCTGGAAGAGATGTTCTGACTGTGCCGGAATCACATAGAA  
 AGCCTCTCAAGCGCAGCAGCAGTGTGACGATCCTCAGCAGCTTGGCAGGAGTGACATCGTGAAGGGCCA  
 CGAGGAGACCTGCATCAGGAGGGCCAAGGCTGTGAAACAGAGGGGCATCTCCCTTCTGCACGAAGTGGAC  
 ACGCAGTACAGCGCCCTGAAGGTGAAGTATGAAGAGTTGCTGAAGAAGTGCCAAGAGGAACAGGACTCCC  
 TGTACACAAGGCTGTGACAGCTCCAGGGCTGCAGCAAGGACCTGACTGGAGTGAACGCCAGCTCTGA  
 GCCTGTTGCCAGCGGCTGGGAAGTGGCCTCTGTCAACCCAGAGCCCGTGAGTTCCCTACAACACCTCCA  
 GAATACAAAGCGTTGTTTAAGGAGATCTTTAGTTGCATCAAGAAACTAAGCAGGAAATAGATGAACAGA  
 GAACAAAATACCGATCACTCTCTCTCATTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC204900 protein sequence  
 Red=Cloning site Green=Tags(s)

MLAENLVEEFEMKEDEPWYDHQDLQQDLQLAAELGKTLDRNTELEDSVQQMYTTNQEQLQEIEYLTKQV  
 ELLRQMNEQHAKVYEQLDVTARELEETNQKL VADSKASQQKILSLTETIECLQTNIDHLQSQVEELKSSG  
 QGRRSPGKCDQEKPAFACLKEL YDLRQHFVYDHVFAEKITSLQGQSPDEEENEHLKKTVTMLQAQLS  
 LERQKRVMTMEEEYGLVLKENSELEQLGATGAYRARALELEAEVAEMRQMLQSEHPFVNGVEKLVDPDSL  
 YVPFKEPSQSLEEMFLTVPESHRKPLKRSSSETILSSLAGSDIVKGHEETCIRRAKAVKQRGISLLHEVD  
 TQYSALKVKYEEELLKKCQEEQDLSLHKAVQTSRAAAKDLTGVAQSEPVASGWELASVNPPEPVSSPTTPP  
 EYKALFKEIFSCIKTKQEIDEQRTKYRSLSSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM\_001802

ORF Size:

1362 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_001802.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 2702 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1365 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 1039                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u>Q01850</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 16p12.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 51.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |