

Product datasheet for **RC201599A1V**

Human ORC2 (NM_006190) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ORC2 (NM_006190) AAV Particle
Tag:	Myc-DDK
Symbol:	ORC2
Synonyms:	ORC2L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201599 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTAAACCAGAATTAAGGAAGACAAGATGCTGGAGGTTCACTTTGTGGGAGATGATGATGTTCTTA
 ATCACATTCTAGATAGAGAAGGAGGAGCTAAATTGAAGAAGGAGCGAGCGCAGCTTTTGGTCAACCCCAA
 AAAAATAATAAAGAAGCCAGAATATGATTTGGAGGAAGATGACCAGGAGGTCTTAAAGATCAGAACTAT
 GTGGAAATATGGGAAGAGATGTTCAAGAATCATTGAAAAATGGCTCTGCTACAGGTGGTGGAAATAAG
 TTTATTCTTTTCAAGATAGAAAACACTCTGAAAAGATGGCTAAATTAGCTTCAGAACTAGCAAAAACACC
 ACAAAAAAGTGTTCATTCACTTTGAAGAATGATCCTGAGATTACGATAAACGTTCTCAAAGTAGCAAG
 GGCCATTCTGCTTCAGACAAGGTTCAACCGAAGAACAATGACAAAAGTGAATTTCTGTCAACAGCACCTC
 GTAGTCTAAGAAAAAGATTAATAGTTCCAAGGTCTCATTCTGACAGTGAAGCGAATATTTCTGCTCCAA
 CTCAGAGGATGATGAAGGGGTTGCACAGGAACATGAAGAGGACCTAATGCAGTCATATTCAGCCAAAAG
 ATTCAGCTCAGAATAGAGTAGTTTCAGCTCCTGTTGGCAAAGAAACACCTTCTAAGAGAATGAAAAGAG
 ATAAAAACAAGTGACTTAGTAGAAGAATATTTGAAGCTCACAGCAGTTCAAAAGTTTAACTCTGATAG
 AACACTGCAGAAGCTAAAGAGAGCTAACTGGATCAGCAAACTTTGCGTAACTTATTGAGCAAGGTTTCC
 CCTTCTTTTCTGCCGAACCTAAACAATAATCAACAGTATGAAAAATTATTTCAATAATGGATGCTGC
 AATTACACCTTGGGTTCAACATTGTGCTTTATGGTTTGGGTTCTAAGAGAGATTTACTAGAAAGGTTTCG
 AACCCTATGCTGCAAGATTCCATTACGTTGTCAATGGCTTCTTCTGGAATCAGTGTGAATCA
 GTCTGAATTTCTAACAAGAAGTCTCGATCATATGGGTACTTTCCGAGTATACTGGATCAGCTAG
 ACTGGATAGTAACAAATTTAAGAAGATTCTTTTGAAGTCTTCTTCTTATCCACAATTTGGATAG
 CCAGATGTTGAGAGGAGAGAAGAGCCAGCAAAATCATTGGTCAGTTGTCACTTTGCATAACATTTACCTT
 ATAGCATCCATTGACCACCTCAATGCTCCTCTCATGTGGGATCATGCAAGCAGAGTCTTTTAACTGGC
 TCTGGTATGAACTACTACATACAGTCTTATACTGAAGAAACCTCTATGAGAACTCTTCTGGTAA
 GCAGTCTGGATCCCTGCCACTTAGCTCCCTTACTCATGTCTTACGAAGCCTTACCCCTAATGCAAGGGGA
 ATTTTCAGGCTACTAATAAAATACCAGCTGGACAACCAGGATAACCTTCTTACATTGGCCTTTCTTTTC
 AAGATTTTACCAGCAGTGTGGGAGGCATTCTCGTCAATAGTGATCTGACACTCCGGGCCAGTTAAC
 TGAATTTAGGGACCACAAGCTTATAAGAACAAGAAGGGAAGTATGGAGTAGAGTATTTATTAATTCCT
 GTTGATAATGGAACATTGACTGATTTCTTGAAAAGGAAGAAGAGGAGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201599 protein sequence
 Red=Cloning site Green=Tags(s)

MSKPELKEDKMLEVHFVGGDDVLNHILDREGGAKLKKERAQLLVNPKKIKKPEYDLEEDDQEVLDQNY
 VEIMGRDVQESLKNQSATGGGNKVYSFQNRKHSEKMAKLASELAKTPQKSVSFLKNDPEITINVPQSSK
 GHSASDKVQPKNNDKSEFLSTAPRSLRKRLIVPRSHSDSESEYSASNSEDDGVAQEHEEDTNAVIFSQK
 IQAQNRVVSAPVGKETPSKRMKRDKTSDLVEEYFEAHSSSKVLTSDRTLQKLKRAKLDQQTLRNLLSKVS
 PSFSAELKQLNQYQKLFHKWMLQLHLGFNIVLYGLGSKRDLLERFRTTMLQDSIHVVINGFFPGISVKS
 VLNSITEEVLDMGTFRSILDQLDWIVNKFEDSSLELFLLIHNLDSQLRGEKSQIIIGQLSSLHNIYL
 IASIDHLNAPLMWDHAKQSLFNWLWYETTTYSPTYEETSYENSLLVKQSGSLPLSSLTHVLRSLTPNARG
 IFRLLIKYQLDNQDNPSYIGLSFQDFYQQCREAFLVNSDLTLRAQLTEFRDHKLIRTKKGTGVEYLLIP
 VDNGTLTDFLEKEEEEE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006190
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F5206
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_006190.3</u>
RefSeq Size:	3140 bp
RefSeq ORF:	1734 bp
Locus ID:	4999
UniProt ID:	<u>Q13416</u>
Cytogenetics:	2q33.1
MW:	66 kDa