

Product datasheet for **RC203009A1V**

Human CES2 (NM_003869) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CES2 (NM_003869) AAV Particle
Tag:	Myc-DDK
Symbol:	CES2
Synonyms:	CE-2; CES2A1; iCE; PCE-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203009 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACTGCTCAGTCCCGCTCTCCTACCACACCCACCTTCCCGGCCAAGCCAGCGCACCCCGCTGACTC
 CCTGCCAGTCCAACTCCAAGGCTGGGCAAGGCACTGATCCACTGCTGGACAGACCCGGGGCAGCCTCT
 GGGTGAACAGCAGCGTGTCCGCCGCGAGCGAACCAGAGACCAGCGAGCCGACCATGCGGCTGCACAGACTT
 CGTGCGCGGCTGAGCGCGGTGGCTGTGGGCTTCTGCTGCTTCTGTCCGGGGCCAGGGCCAGGACTCAG
 CCAGTCCCATCCGACCACACACAGGGGCAGGTGCTGGGGAGTCTTGCCATGTGAAGGGCGCCAATGC
 CGGGGTCCAACTTCTGGGAATTCATTTGCCAAGCCACCTCTAGGTCGCTGCGATTTCACCCCT
 GAGCCCCCTGAATCTTGAGTGGTGTGAGGGATGGAACCAACCATCCGGCCATGTGTCTACAGGACCTCA
 CCGCAGTGGAGTCAGAGTTTCTAGCCAGTTCAACATGACCTTCCCTCCGACTCCATGTCTGAGGACTG
 CCTGTACCTCAGCATCTACACGCCGGCCATAGCCATGAAGGCTCTAACCTGCCGGTGTGGTGTGGATC
 CACGGTGGTGCCTTGTCTTTGGCATGGCTTCTTGTATGATGGTTCCATGCTGGCTGCCTTGGAGAAGC
 TGGTGGTGGTCATCATCCAGTACCGCTGGGTGTCTGGGCTTCTTACGACTGGAGACAAGCACGCAAC
 CGGCAACTGGGGCTACCTGGACCAAGTGGCTGCACTACGCTGGGTCCAGCAGAATATCGCCCACTTTGGA
 GGCAACCTGACCGTGTACCATTTTTGGCGAGTCTGCGGGTGGCAGAGTGTGTCTTCGCTTGTGTGT
 CCCCCATATCCAAGGACTCTTCCACGGAGCCATCATGGAGAGTGGCGTGGCCCTCTGCCCGGCCCTCAT
 TGCCAGCTCAGCTGATGCATCTCCACGGTGGTGGCAACCTGTCTGCCTGTGACCAAGTTGACTCTGAG
 GCCCTGGTGGGCTGCCTGCGGGCAAGAGTAAAGAGGAGATTCTTGAATTAACAAGCCTTTCAAGATGA
 TCCCGGAGTGGTGGATGGGCTTCTTCCAGGCAACCCAGGAGCTGCTGGCCTCTGCCGACTTTCA
 GCCTGTCCCTAGCATTGTTGGTGTCAACAACAATGAATTCGGCTGGCTCATCCCCAAGGTCATGAGGATC
 TATGATACCCAGAAGAAATGGACAGAGAGGCTCCCAGGCTGCTCTGCAGAAAATGTTAACGCTGCTGA
 TGTTGCCTCTACATTTGGTGACCTGCTGAGGGAGGAGTACATTGGGGACAATGGGGATCCCCAGACCCT
 CCAAGCGCAGTTCAGGAGATGATGGCGGACTCCATGTTTGTGATCCCTGCACTCCAAGTAGCACATTTT
 CAGTGTTCGGGGCCCTGTGTACTTCTACGAGTTCAGCATCAGCCAGCTGGCTCAAGAACATCAGGC
 CACCGCATGAAGGCAGACCATGGTGTGAGCTTCTTTTGTTCAGAAAGTTCTTTGGGGCAACTA
 CATTAAATTCAGTGAAGAGGAGCAGCTAAGCAGGAAGATGATGAAGTACTGGGCAACTTTGCGAGA
 AATGGGAACCCCAATGGCGAGGGTCTGCCACACTGGCCGCTGTTGACAGGAGGAGCAATACCTGCAGC
 TGAACCTACAGCTGCGGTGGGCGGGCTCTGAAGGCCACAGGCTCCAGTTCTGGAAGAAGCGCTGCC
 CAAAAGATCCAGGAGCTCGAGGAGCTGAAGAGAGACACACAGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203009 protein sequence
 Red=Cloning site Green=Tags(s)

MTAQRSPTPTFPGPSQRTPLTPCPVQTPRLGKALIHCWTDPGQPLGEQQRVRRQRTETSEPTMRLHRL
 RARLSAVACGLLLLLVRGQGQDSASPIRTTHTGQVLGSLVHVKGANAGVQTFGLGIPFAKPLPLRFAPP
 EPPEWSGVRDGTTTHPAMCLQDLTAVESEFLSQFNMTFSPDSMSDECLYLSIYTPAHSHEGSLPVMVWI
 HGGALVFGMASLYDGSMLAALENVVVVIQYRLGVLGFFSTGDKHATGNWGYLDQVAALRWVQQNIAHFG
 GNPDRVITIFGESAGGTSVSSLVSPISQGLFHGAIMESGVALLPGLIASSADVISTVVANLSACDQVDSE
 ALVGLRGKSKEEILANKPFKMIPGVVDGVFLPRHPQELLASADFQVPVSIQVNNNEFGWLIPKVMRI
 YDTQKEMDREASQAALQKMLTLLMLPPTFGDLLREEYIGDNGDPQTLQAQFQEMMADSMFVIPALQVAHF
 QCSRAPYYFYEFQHPQSWLKNIRPPHMKADHDELPFVFRSFFGNYIKFTEEEEQLSRKMMKYWANFAR
 NGNPNGEGLPHWPLFDQEEQYLQLNLQPAVGRALKAHRLQFWKKALPQKIQEELEPEERHTEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003869
ORF Size:	1869 bp
Buffer:	PBS with 0.001% Pluronic F5393
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_003869.4</u>
RefSeq Size:	3955 bp
RefSeq ORF:	1680 bp
Locus ID:	8824
UniProt ID:	<u>O00748</u>
Cytogenetics:	16q22.1
MW:	68.9 kDa