

## Product datasheet for **RC204696A1V**

### Human CASQ1 (NM\_001231) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human CASQ1 (NM\_001231) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** CASQ1  
**Synonyms:** CASQ; PDIB1; VMCQA  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC204696 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGGCCAGAGCTGTGCCGGTCTGCGGCTGGCACTGCTGTTGCTGCTGGTGCTAGGGACACCCAAGT  
CAGGGGTACAGGGGCAGGAAGGGCTGGACTTCCTGAGTACGATGGTGTGGACCGTGTGATCAATGTCAA  
TGCAAAGAACAACAAGAATGTGTTCAAGAAGTATGAGGTGCTGGCACTCCTCTACCATGAACCCCGAG  
GATGACAAGGCCTCACAAGACAATTTGAGATGGAGGAGCTGATCCTGGAGTTAGCAGCCCAAGTCCTAG  
AAGACAAGGGTGTGGCTTCGGGCTGGTAGACTCTGAGAAGGATGCAGCTGTGGCAAGAAACTAGGCC  
AACTGAAGTGGACAGCATGTATGTATTCAAGGGAGATGAAGTCATTGAGTACGATGGCGAGTTTTCTGCT  
GACACCATCGTGGAGTTTCTGCTTGATGTCCTAGAGGACCCTGTGGAATTGATTGAAGGTGAACGAGAGC  
TGCAGGCGTTTGAGAATATTGAGGATGAGATCAAACCTATTGGCTACTTCAAGAGCAAAGACTCAGAGCA  
TTACAAAGCCTTCGAGGATGCAGCTGAGGAGTTTCATCCCTACATCCCCCTTCTCGCCACCTTCGACAGC  
AAGGTGGCAAAGAAGCTGACCCTGAAGCTGAATGAGATTGATTCTACGAGGCCCTTCATGGAAGAGCCTG  
TGACCATCCAGACAAGCCCAATAGCGAAGAGGAGATTGTCAACTTCGTGGAGGAGCACAGGAGATCAAC  
CCTGAGGAAACTGAAGCCGAGAGTATGTATGAGACCTGGGAGGATGATATGGATGGAATCCACATTGTG  
GCCTTCGAGAGGAAGCTGATCCTGATGTTTCGAGTTCTTAGAGACTCTCAAGGCTGTGCCCAAGATA  
ACACTGAAACCCAGATCTTAGCATCATCTGGATTGACCTGATGACTTCCCCCTGCTGGTCCCATACTG  
GGAGAAGACGTTTGACATCGACTTGTACGCCCCACAAATAGGAGTCGTCATGTTACTGATGCGGATAGC  
GTATGGATGGAATGGACGATGAGGAGGACCTGCCTTCTGCTGAGGAGCTGGAGGACTGGCTGGAGGATG  
TCCTGGAGGGCGAGATCAACACAGAGGACGATGACGATGATGATGATGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC204696 protein sequence  
 Red=Cloning site Green=Tags(s)

MGPRAVPGLRLALLLLLVLGTPKSGVQGGQEGLDPEYDGVDRVINVNAKKNVFKKYEVLLALLYHEPPE  
 DDKASQRQFEMEELILELAAQVLEDKGVGFGLVDSEKDAAVAKKLGLETVDSMYVFKGDEVIEYDGEFSA  
 DTIVEFLLDVLDPVELIEGERELQAFENIEDEIKLIGYFKSKDSEHYKAFEDAAEEFHPYIPFFATFDS  
 KVAKKLTLKLNEDFYEAFMEEPVTIPDKPNSEEEIVNFVEEHRRTLRLKPKESMYETWEDDMDGIHIV  
 AFAGEADPDGFEFLETLKAVAQDNTENPDLIIWIDPDDFPLLVPYWEKTFDIDL SAPQIGVVNVTDADS  
 VWMEMDDEEDLPSAELEDWLEDVLEGEINTEDDDDDDDD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_001231

**ORF Size:** 1170 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:** [NM\\_001231.3](#), [NP\\_001222.2](#)

**RefSeq Size:** 1993 bp

**RefSeq ORF:** 1191 bp

**Locus ID:** 844

**UniProt ID:** [P31415](#)

**Cytogenetics:** 1q23.2

**MW:** 44.5 kDa