

## Product datasheet for **RC201615A1V**

### Human CD55 (NM\_000574) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human CD55 (NM_000574) AAV Particle
Tag:	Myc-DDK
Symbol:	CD55
Synonyms:	CHAPLE; CR; CROM; DAF; TC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201615 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGACCGTCGCGCGGCCGAGCGTGCCCGCGCGCTGCCCTCCTCGGGGAGCTGCCCGGCTGCTGCTGCTGTGGTGTCTGTGTGCCTGCCGGCCGTGTGGGGTGACTGTGGCCTTCCCCAGATGTACCTAATGCCAGCCAGCTTTTGAAGGCCGTACAAGTTTTCCCGAGGATACTGTAATAACGTACAATGTGAAGAAAGCTTTGTGAAAATTCCTGGCGAGAAGGACTCAGTGATCTGCCTTAAGGGCAGTCAATGGTCAGATATTGAAGAGTTCTGCAATCGTAGCTGCGAGGTGCCAACAGGCTAAATTCGCATCCCTCAAACAGCCTTATATCACTCAGAA TTATTTCCAGTCGGTACTGTTGTGGAATATGAGTGCCGTCCAGGTTACAGAAGAGAACCTTCTCTATCA CCAAACTAACTTGCCTTCAGAATTTAAAATGGTCCACAGCAGTCAATTTTGTAAAAAGAAATCATGCC CTAATCCGGGAGAAATACGAAATGGTCAGATTGATGTACCAGGTGGCATATTATTTGGTGAACCATCTC CTTCTCATGTAACACAGGGTACAAATTTGGCTCGACTTCTAGTTTTTGTCTATTTTCAGGCAGCTCT GTCCAGTGGAGTGACCCGTTGCCAGAGTGCAGAGAAATTTATTGTCCAGCACCACCACAAATTGACAATG GAATAATTCAAGGGGAACGTGACCATTATGGATATAGACAGTCTGTAAACGTATGCATGTAATAAAGGATT CACCATGATTGGAGAGCACTCTATTTATGACTGTGAATAATGATGAAGGAGAGTGGAGTGGCCCA CCGTGAATGCAGAGGAAAATCTCTAACTCCAAGTCCCACCAACAGTTCAGAAACCTACCACGTAATG TTCCAACCTACAGAAGTCTCACCAACTTCTCAGAAAACCAACCAAAACCAACCAACCAATGCTCAAGC AACACGGAGTACACCTGTTTCCAGGACAAACAGCATTTCATGAAACAACCCCAATAAAGGAAGTGG AACACTTCAGGTACTACCCGTCTCTATCTGGGCACACGTGTTTCACGTTGACAGGTTTGCTTGGGACGC TAGTAACCATGGGCTTGCTGACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC201615 protein sequence  
 Red=Cloning site Green=Tags(s)

MTVARPSVPAALPLLGELPRLLLL VLLCLPAVWGDGCLPPDVPNAQPALEGRTSFPEDTVITYKCEESFV  
 KIPGEKDSVICLKGSQWSDIEEF CNRSCEVPTRLNSASLKQPYITQNYFPVGTVVEYECRPGYRREPSLS  
 PKLTCLQNLKWTAVEFCKKKSCPNPGEIRNGQIDVPGGILFGATISFSCNTGYKLFGSTSSFCLISGSS  
 VQWSDPLPECREIYCPAPPQIDNGIIQGERDHYGYRQSVTYACNKGFTMIGEHSIYCTVNNDEGEWSGPP  
 PECRGKSLTSKVPPTVQKPTTVNVPTEVSPTSQKTTTTPNAQATRSTPVSRTTKHFHETTPNKGSG  
 TTSGTRLLSGHTCFTLTGLLGLVTMGLLT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_000574

**ORF Size:** 1143 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\\_000574.2](#)

**RefSeq Size:** 2796 bp

**RefSeq ORF:** 1146 bp

**Locus ID:** 1604

**UniProt ID:** [P08174](#)

**Cytogenetics:** 1q32.2

**MW:** 41.4 kDa