

## Product datasheet for **RC220602A1V**

### Human LC3C (MAP1LC3C) (NM\_001004343) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human LC3C (MAP1LC3C) (NM\_001004343) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** LC3C  
**Synonyms:** ATG8J; LC3C  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC220602 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCGCCTCCACAGAAAATCCCAAGCGTCAGACCCCTTCAAGCAGAGGAAAAGCTTGGCAATCAGACAAG  
 AGGAAGTTGCTGGAATCCGGGCAAAGTTCCCAACAAAATCCCGGTGGTAGTGGAGCGCTACCCAGGGA  
 GACGTTCTGCCCCGCTGGACAAAACCAAGTTCTGGTCCCGCAGGAGCTGACCATGACCCAGTTCTC  
 AGCATCATCCGAGCCGCATGGTCCTGAGAGCCACGGAAGCCTTTACTTGCTGGTGAACAACAAGAGCC  
 TGGTCAGCATGAGCGCAACCATGGCAGAGATCTACAGAGACTACAAGGATGAGGATGGCTTCGTGTACAT  
 GACCTACGCCTCCAGGAGACATTTGGCTGCCTGGAGTCAGCAGCCCCAGGGATGGGAGCAGCCTTGAG  
 GACAGACCCTGCAATCCTCTC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC220602 protein sequence  
 Red=Cloning site Green=Tags(s)

MPPPQKIPSVRPFKQRKSLAIRQEEVAGIRAKFPNKIPVVVERYPRETFLPPLDKTKFLVPQELTMTQFL  
 SIIRSMVLRATEAFYLLVNNKSLVMSATMAEIIYRDYKDEDFVYMTYASQETFGCLESAAPRDGSSLE  
 DRPCNPL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2


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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>         | NM_001004343                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>     | 441 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>    | 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. |
| <b>RefSeq:</b>       | <u>NM_001004343.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>  | 1192 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 444 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 440738                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>   | <u>Q9BXW4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 1q43                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>           | 16.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |