

## Product datasheet for **RC221453A1V**

### Human ATP6V1G3 (NM\_133262) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human ATP6V1G3 (NM\_133262) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** ATP6V1G3  
**Synonyms:** ATP6G3; Vma10  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC221453 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAAGCCAGTCTCAGGGGATCCACCAGCTTCTTCAGGCAGAAAAACGGGCCAAGGACAAGCTAGAGG  
 AAGCCAAGAAGAGAAAAGGAAAGCGATTGAAGCAAGCCAAGGAGGAAGCAATGGTAGAAATTGACCAAGTA  
 CAGAATGCAGAGAGATAAAGAGTTTCGACTAAAACAATCTAAGATAATGGGCTCTCAGAATAATCTCTCA  
 GATGAAATAGAAGAACAACACTAGGGAAGATAACAAGAACTTAATGGACTACTACAATAAGTATATGGAAA  
 GTGTGATGAACCAGCTCTTGAGCATGGTCTGTGACATGAAACCAGAAATCCATGTGAACACTACAGAGCCAC  
 CAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC221453 protein sequence  
 Red=Cloning site Green=Tags(s)

MTSQSQGIHQLLQAEKRAKDKLEEAKKRKGRKRLKQAKEEAMVEIDQYRMQRDKEFRLKQSKIMGSQNNLS  
 DEIEEQTLGKIQELNGHYNKYMESVMNQLLSMVCMDKPEIHVNYRATN

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_133262



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ORF Size:	354 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:	<a href="#">NM_133262.2</a> , <a href="#">NP_573569.1</a>
RefSeq Size:	645 bp
RefSeq ORF:	357 bp
Locus ID:	127124
UniProt ID:	<a href="#">Q96LB4</a>
Cytogenetics:	1q31.3
MW:	13.9 kDa