

## Product datasheet for **RC210728A1V**

### Human ATP6V1F (NM\_004231) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human ATP6V1F (NM\_004231) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** ATP6V1F  
**Synonyms:** ATP6S14; VATF; Vma7  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC210728 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGGGAGGGGTAAGCTCATCGCAGTGATCGGAGACGAGGACACGGTGACTGGTTTCCTGCTGGGCG  
GCATAGGGGAGCTTAACAAGAACCGCCATCCCAATTCCTGGTGGGAGAAGGATACAACCATCAATGA  
GATCGAAGACACTTCCGGCAATTTCTAAACCGGGATGACATTGGCATCATCCTCATCAACCAAGTACATC  
GCAGAGATGGTGCGCCATGCCCTGGACGCCACCAGCAGTCCATCCCCGCTGCTCTGGAGATCCCCTCCA  
AGGAGCACCCATATGACGCCCAAGGACTCCATCCTGCGCAGGGCCAGGGGCATGTTCACTGCCGAAGA  
CCTGCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC210728 protein sequence  
Red=Cloning site Green=Tags(s)

MAGRGKLIAVIGDEDTVTFLLGGIGELNKNRHPNFLVVEKDTTINEIEDTFRQFLNRDDIGIILINQYI  
AEMVRHALDAHQQSIPAVLEIPSKEHPYDAAKDSILRRARGMFTAEDLR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_004231



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<b>ORF Size:</b>	357 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><a href="#">NM_004231.2</a></u>
<b>RefSeq Size:</b>	748 bp
<b>RefSeq ORF:</b>	360 bp
<b>Locus ID:</b>	9296
<b>UniProt ID:</b>	<u><a href="#">Q16864</a></u>
<b>Cytogenetics:</b>	7q32.1
<b>MW:</b>	13.4 kDa