

Product datasheet for **RC220723A1V**

Human ATP6V1G2 (NM_138282) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ATP6V1G2 (NM_138282) AAV Particle
Tag: Myc-DDK
Symbol: ATP6V1G2
Synonyms: ATP6G; ATP6G2; NG38; VMA10
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >NM_138282 ORF sequence, RC220723 may differ due to SNPs.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGTGGAGCAATACCGCAGAGAGCGAGAGCACGAATTCAGAGCAAGCAGCAGCGGCCATGGGC
TCCCAGGGGAACCTGTCTGCTGAGGTGGAGCAGGCTACAAGGCGCCAGGTGCAGGGCATGCAGAGCTCC
CAGCAGAGAAACCGAGAGCGTGTCTGGCCAGCTTCTTGGCATGGTCTGCGACGTCAGGCCCCAGGTC
CACCCAACTACCGGATTCTGCC
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Protein Sequence: >Peptide sequence encoded by RC220723
Blue=ORF Red=Cloning site Green=Tag(s)

```
MEVEQYRREREHEFQSKQQAAMGSQGNLSAEVEQATRRQVQGMQSSQQRNRERVLAQLLGMVCDVRPQV
HPNYRISA
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Recombinant protein using RC220723 also available, [TP320723M](#)

Species: Human
Serotype: AAV-2
ACCN: NM_138282
ORF Size: 231 bp
Buffer: PBS with 0.001% Pluronic F68



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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:	<u>NM_138282.3</u>
RefSeq Size:	1350 bp
RefSeq ORF:	234 bp
Locus ID:	534
UniProt ID:	<u>O95670</u>
Cytogenetics:	6p21.33
MW:	9 kDa