

Product datasheet for **RC207008A1V**

Human ATP5PD (NM_001003785) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ATP5PD (NM_001003785) AAV Particle
Tag: Myc-DDK
Symbol: ATP5PD
Synonyms: APT5H; ATP5H; ATPQ
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC207008 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGGCGAAAACCTGCTCTAAAAACCATTGACTGGGTAGCTTTTGCAGAGATCATACCCAGAACC
 AAAAGGCCATTGCTAGTTCCTGAAATCCTGGAATGAGACCCTCACCTCCAGGTTGGCTGCTTTACCTGA
 GAATCCACCAGCTATCGACTGGGCTTACTACAAGGCCAATGTGGCCAAGGCTGGCTTGGTGGATGACTTT
 GAGAAGAAGGTGAAATCTGTGCTGAGTGGGTGTCTCTCTCAAAGGCCAGGATTGTAGAATATGAGAAAG
 AGATGGAGAAGATGAAGAACTTAATTCATTTGATCAGATGACCATTGAGGACTTGAATGAAGCTTTCCC
 AGAAACCAAAATTAGACAAGAAAAAGTATCCCTATTGGCCTCACCAACCAATTGAGAATTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207008 protein sequence
 Red=Cloning site Green=Tags(s)

MAGRKLALKTIDWVFAEIIIPQNKAIASSLKSWNETLTSRLAALPENPPAIDWAYYKANVAKAGLVDDF
 EKKVKSCAEWVLSKARIVEYEKEMKMKNLIPFDQMTIEDLNEAFPETKLDKKKYPYWPHQPIENL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001003785



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ORF Size:	411 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:	<u>NM_001003785.1</u>
RefSeq Size:	556 bp
RefSeq ORF:	414 bp
Locus ID:	10476
UniProt ID:	<u>O75947</u>
Cytogenetics:	17q25.1
MW:	15.8 kDa