

Product datasheet for **RC235597A1V**

Human PEN2 (PSENE1) (NM_001281532) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human PEN2 (PSENE1) (NM_001281532) AAV Particle
Tag: Myc-DDK
Symbol: PEN2
Synonyms: ACNINV2; MDS033; MSTP064; PEN-2; PEN2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC235597 representing NM_001281532
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCTGGAGCGAGTGTCCAATGAGGAGAAATTGAACCTGTGCCGGAAGTACTACCTGGGGGGTTTTG
CTTCTCGCCTTTTCTCTGGTTGGTCAACATCTTCTGGTTCTTCCGAGAGGCCTCCTTGTCCAGCCTA
CACAGAACAGAGCCAAATCAAAGGCTATGTCTGGCGCTCAGCTGTGGGCTTCTCTTCTGGGTGATAGTG
CTCACCTCCTGGATCACCATCTCCAGATCTACCGCCCGCTGGGGTGCCTTGGGGACTACCTCTCTCT
TCACCATACCCCTGGGCACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235597 representing NM_001281532
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MNLERSVNEEKLNLCKRYLGGFAFLPFLWLVNIFWFFREAFVLPAYTEQSIKGYVWRSVAVGLFWVIV
LTSWITIFQIYRPRWGALGDYLSFTIPLGTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001281532
ORF Size: 303 bp



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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_001281532.1</u>
RefSeq Size:	796 bp
RefSeq ORF:	306 bp
Locus ID:	55851
UniProt ID:	<u>Q9NZ42</u>
Cytogenetics:	19q13.12
MW:	12 kDa