

Product datasheet for **RC229599A1V**

Human Aquaporin 1 (AQP1) (NM_001185062) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Aquaporin 1 (AQP1) (NM_001185062) AAV Particle
Tag: Myc-DDK
Symbol: Aquaporin 1
Synonyms: AQP-CHIP; CHIP28; CO
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC229599 representing NM_001185062
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTCGGGCATGGGGTGAATGTTCTGGACTTTTGGCTGGCTGATGGTGTGAACTCGGGCCAGGGCC
 TGGGCATCGAGATCATCGGGACCCTCCAGCTGGTGCTATGCGTGCTGGCTACTACCGACCGGAGGCGCCG
 TGACCTTGGTGGCTCAGCCCCCTTGCCATCGGCCTCTCTGTAGCCCTTGGACACCTCCTGGCTATTGAC
 TACACTGGCTGTGGGATTAACCCTGCTCGGTCCTTTGGCTCCGCGGTGATCACACAACTTCAGCAACC
 ACTGGATTTTCTGGGTGGGGCCATTTCATCGGGGAGCCCTGGCTGTACTCATCTACGACTTCATCCTGGC
 CCCACGCAGCAGTGACCTCACAGACCGCGTGAAGGTGTGGACCAGCGGCCAGGTGGAGGAGTATGACCTG
 GATGCCGACGACATCAACTCCAGGGTGGAGATGAAGCCCAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC229599 representing NM_001185062
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MQSGMGWNVLDLFWLADGVNSGQGLGIEIIGTLQLVLCVLATTDRLRRDLGGSAPLAIGLSVALGHLLAID
 YTGCGINPARSFGSAVITHNFSNHWIFWVGPFIGGALAVLIYDFILAPRSSDLTDRVKVWTSQVVEEYDL
 DADDINSRVEMKPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2



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ACCN:	NM_001185062
ORF Size:	462 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_001185062.1, NP_001171991.1</u>
RefSeq ORF:	465 bp
Locus ID:	358
Cytogenetics:	7p14.3
MW:	17.1 kDa