

Product datasheet for **RR207519A1V**

Rat Aqp5 (NM_012779) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Aqp5 (NM_012779) AAV Particle
Tag:	Myc-DDK
Symbol:	Aqp5
Synonyms:	MGC124967
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RR207519 representing NM_012779 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAAGGAGGTGTGCTCCCTTGCTTCTTCAAGGCGGTGTTGCGAGAGTTCCTGGCCACCCTCATCT
TCGTCTTCTTTGGCCTGGGCTCAGCACTCAAGTGGCCCTCGGCTCTGCCACCATTCTGCAAATCTCAAT
TGCCTTTGGCCTGGCCATAGGTACCTTAGCCCAAGCTCTGGGACCTGTGAGTGGTGGCCACATCAATCCA
GCCATTACTCTGGCCCTCTTAATAGGAAACAGATCTCGCTGCTCCGAGCTGTCTTCTACGTGGCAGCCC
AGCTGGTGGGCGCCATTGCTGGGCGAGGCATCCTGTACTGGCTGGCGCCACTCAATGCCGGGGTAACCT
GGCCGTAATGCGCTGAACAACAACACAACGCCTGGCAAGGCCATGGTGGTGGAGTTAATCTTGACTTTC
CAGCTAGCCCTCTGCATCTTCTCCTCCACCGACTCTCGCCGAACCAGCCCTGTGGGCTCCCCAGCCTTAT
CCATTGGCTTGTCTGTACACTGGGCCATCTTGTGGGGATCTACTTCACCGGCTGTTCCATGAACCCAGC
CCGATCTTTCGGCCCTGCGGTGGTCAATGAACCGGTTACGCCCTCTCACTGGGTCTTCTGGGTAGGGCT
ATTGTGGGGCCATGCTGGCGGCATCCTCTATTTCTACCTGCTTCCCTCCTCTCTGAGCCTCCATG
ATCGCGTGGCTGTCGTCAAAGGCACATATGAGCCGGAGGAGGACTGGGAAGATCATCGAGAGGAGAGGAA
GAAGACCATCGAGCTGACGGCACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RR207519 representing NM_012779 Red=Cloning site Green=Tags(s) MKKEVCSLAFFKAVFAEFLATLIFVFFGLGSALKWPSALPTILQISIAFGLAIGTLAQLGPVSGGHINP AITLALLIGNQISLLRAVFYVAAQLVGAIAAGILYWLAPLNARGNLAVNALNNNTTPGKAMVVELILTF QLALCIFSSDTSRRTSPVGPALSIGLSVTLGHLVGIYFTGCSMNPARSFGPAVVMNRFSPSHWVFWVGP IVGAMLAAILYFYLLFPSSLSLHDRVAVVKGTYEPEEDWEDHREERKKTIELTAH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Rat
Serotype:	AAV-2
ACCN:	NM_012779
ORF Size:	795 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_012779.1, NP_036911.1</u>
RefSeq Size:	1426 bp
RefSeq ORF:	798 bp
Locus ID:	25241
UniProt ID:	<u>P47864</u>
Cytogenetics:	7q36
MW:	28.9 kDa