

Product datasheet for **RC216810A1V**

Human Aquaporin 0 (MIP) (NM_012064) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aquaporin 0 (MIP) (NM_012064) AAV Particle
Tag:	Myc-DDK
Symbol:	Aquaporin 0
Synonyms:	AQP0; CTRCT15; LIM1; MIP26; MP26
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC216810 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTGGGAAGTGCATCAGCCTCCTTTGGAGGGCCATATTCGCTGAGTTCTTTGCCACCCTCTTCTATG
TCTTCTTTGGGCTGGGGTCTCACTGCGCTGGGCTCCTGGACCCCTGCATGTTCTGCAGGTGGCTATGGC
ATTTGGCTTGGCCCTGGCTACACTGGTGCAGTCTGTGGCCACATCAGTGGAGCCACGTCATCCTGCA
GTCACCTTTGCTTTCCTTGTGGGCTCCAGATGTCCCTGCTCCGTGCCTTCTGCTATATGGCAGCCACG
TCCTGGGAGCTGTGGCTGGGGCCGCTGTGCTGTATAGCGTTACCCACCTGCTGTCCGAGGAAACCTAGC
ACTCAACACGTTGCACCCTGCGGTGAGCGTGGGCCAGGCAACCACAGTGGAGATCTTCTGACGCTCCAG
TTCGTGCTCTGCATCTTTGCCACATACGACGAGAGGCGGAATGGCCAAGTGGGCTCCGTGGCCCTGGCCG
TTGGCTTCTCCCTTGGCCCTGGGGCACCTCTTTGGGATGTATTATACTGGTGCAGGCATGAATCCTGCCCG
CTCCTTTGCTCCTGCCATTCTCACTGGGAACCTCACTAACCCTGGGTGTACTGGGTAGGCCCAATCATT
GGAGGGGGTCTGGGCAGCCTCCTGTACGACTTCTTCTTCCCCGGCTCAAGAGTATTTCTGAGAGAC
TGTCTGCTCAAGGGTGCCAAACCCGATGTCTCAATGGACAACCAGAGGTACAGGGGAACCTGTTGA
ACTGAACACCCAGGCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216810 protein sequence Red=Cloning site Green=Tags(s) MWELRSASFWRAIFAEFFATLFYVFFGLGSSLRWAPGPLHVLQVAMAFGLALATLVQSVGHISGAHVNP VTFAFLVGSQMSLLRAFCYMAAQLLGAVAGAAVLYSVTPPAVRGNLALNTLHPAVSVGQATTVEIFLTLQ FVLCIFATYDERRNGQLGSVALAVGFSALGHLFGMYTGTAGMNPARSFAPAILTGNFTNHVVYWGPII GGGLGSLLYDFLLFPRLKSI SERLSVLKGAKPDVSNQPEVTGEPVELNTQAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012064
ORF Size:	789 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_012064.2</u>
RefSeq Size:	2608 bp
RefSeq ORF:	792 bp
Locus ID:	4284
UniProt ID:	<u>P30301</u>
Cytogenetics:	12q13.3
MW:	28.1 kDa