

Product datasheet for **RC204693A1V**

Human Aquaporin 4 (AQP4) (NM_001650) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Aquaporin 4 (AQP4) (NM_001650) AAV Particle
Tag:	Myc-DDK
Symbol:	Aquaporin 4
Synonyms:	MIWC; WCH4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204693 representing NM_001650 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTGACAGACCCACAGCAAGGCGGTGGGGTAAGTGTGGACCTTTGTGTACCAGAGAGAACATCATGG
TGGCTTTCAAAGGGGTCTGGACTCAAGCTTTCTGGAAAGCAGTCACAGCGGAATTTCTGGCCATGCTTAT
TTTTGTTCTCCTCAGCCTGGGATCCACCATCACTGGGGTGGAACAGAAAAGCCTTTACCGGTCGACATG
GTTCTCATCTCCCTTTGCTTTGGACTCAGCATTGCAACCATGGTGCAGTGCTTTGGCCATATCAGCGGTG
GCCACATCAACCCTGCAGTGACTGTGGCCATGGTGTGCCAGGAAGATCAGCATCGCCAAGTCTGTCTT
CTACATCGCAGCCCAGTGCCTGGGGGCCATCATTGGAGCAGGAATCCTCTATCTGGTCACACCTCCAGT
GTGGTGGGAGGCTGGGAGTCACCATGGTTCATGGAAATCTTACCGCTGGTCATGGTCTCCTGGTTGAGT
TGATAATCACATTTCAATTGGTGTCTTACTATCTTTGCCAGCTGTGATTCCAAACGGACTGATGCTACTGG
CTCAATAGCTTTAGCAATTGGATTTTCTGTTGCAATTGGACATTTATTTGCAATCAATTATACTGGTGCC
AGCATGAATCCCGCCCGATCCTTTGGACCTGCAGTTATCATGGGAAATGGGAAAACATTGGATATATT
GGGTTGGGCCCATCATAGGAGCTGTCTCGCTGGTGGCCTTTATGAGTATGTCTTCTGTCCAGATGTTGA
ATTCAAACGTCGTTTTAAAGAAGCCTTCAGCAAAGCTGCCAGCAAACAAAAGGAAGCTACATGGAGGTG
GAGGACAACAGGAGTCAGGTAGAGACGGATGACCTGATTCTAAACCTGGAGTGGTGCATGTGATTGACG
TTGACCGGGGAGAGGAGAAGAAGGGAAAGACCAATCTGGAGAGGTATTGTCTTCAGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204693 representing NM_001650 Red=Cloning site Green=Tags(s) MSDRPTARRWGKCGPLCTRENIMVAFKGVWTQAFWKAVTAEFLAMLIFVLLSLGSTINWGGTEKPLPVDMLISLCFGLSIATMVQCFGHISGGHINPAVTVMVCTRKISIAKSVFYIAAQCLGAIIGAGILYLTPPSVVGGLGVTMVHGNLTAGHLLVELIITFQLVFTIFASCDSKRTDVTGSIALAIGFSVAIGHLFAINYTGASMNPARSFGPAVIMGNWENHWIYWVGPIIGAVLAGGLYEYVFCPDVEFKRRFKEAFSKAAQQTGKSYMEVEDNRSQVETDDLILKPGVVHVIDVDRGEEKKGKDQSGEVLSSV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001650
ORF Size:	969 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:	NM_001650.4
RefSeq Size:	5216 bp
RefSeq ORF:	972 bp
Locus ID:	361
UniProt ID:	P55087
Cytogenetics:	18q11.2
MW:	34.6 kDa