

Product datasheet for **RC210409A1V**

Human ACCN1 (ASIC2) (NM_001094) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACCN1 (ASIC2) (NM_001094) AAV Particle
Tag:	Myc-DDK
Symbol:	ACCN1
Synonyms:	ACCN; ACCN1; ASIC2a; BNaC1; BNC1; hBNaC1; MDEG
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210409 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGACCTCAAGGAAAGCCCCAGTGAGGCGAGCCTGCAACCTTCTAGCATCCAGATCTTTGCCAACACCT
CCACCCTCCATGGCATCCGCCACATCTTCGTGTATGGGCGCTGACCATCCGGCGTGTGCTGTGGGCAGT
GGCCTTCGTGGGCTCTCTGGGCTGCTGCTGGTGGAGAGCTCTGAGAGGGTGTCTACTACTTCTCCTAC
CAGCATGTCTAAGGTGGACGAAGTGGTGGCTCAAAGCCTGGTCTTCCAGCTGTGACCTCTGTAAAC
TCAATGGCTTCCGGTTCTCCAGGCTCACCACCAACGACCTGTACCATGCTGGGAGCTGTGGCCTGCT
GGATGTCAACCTGCAGATCCCGACCCCATCTGGCTGACCCCTCCGTGCTGGAGGCCCTGCGGCAGAAG
GCCAATTCAGCACTACAAACCAAGCAGTTCAGCATGCTGGAGTTCCTGCACCGTGTGGCCATGACC
TGAAGGATATGATGCTCTACTGCAAGTCAAAGGCGAGGAGTGGCCACCAAGACTTCACCACAGTGTT
TACAAAATATGGGAAGTGTACATGTTAACTAGGCGAGGATGGCAACCTCTGCTCACCACGTCAG
GGGGGACAGGCAACGGGCTGGAGATCATGCTGGACATTCAGCAGGATGAGTACCTGCCATCTGGGGAG
AGACAGAGGAAACGACATTTGAAGCAGGAGTGAAGTTTCAATCCACAGTCAGTCTGAGCCACCTTTCAT
CCAAGAGCTGGGCTTTGGGTGGCTCCAGGTTCCAGACCTTTGTGGCCACACAGGAGCAGAGGCTCACA
TACCTGCCCCACCGTGGGTGAGTGCCGATCCTCAGAGATGGGCTCGACTTTTTCTGTTTACAGCA
TCACCGCTGTAGGATTGACTGTGAGACCCGCTACATTGTGAAAACCTGCAACTGCCGCATGGTTACAT
GCCAGGGATGCCCTTTTGTACCCCTGAGCAGCACAAGGAGTGTGCAGAGCCTGCCCTAGGTCTGTTG
GCGAAAAGGACAGCAATTACTGTCTCTGACGACACCTGCAACCTAACCCGCTACAACAAAGAGCTCT
CCATGGTGAAGATCCCCAGCAAGACATCAGCCAAGTACCTTGAGAAGAAATTAACAAATCAGAAAAATA
TATCTCAGAGAACATCCTTGTCTGGATATATTTTGAAGCTCTCAATTATGAGACAATTGAACAGAAG
AAGGCGTATGAAGTTGCTGCCTTACTTGGTGATATTGGTGGTCAGATGGGATTGTTATTGGTGCTAGTA
TCCTTACAATACTAGAGCTCTTTGATTATTTATGAGCTGATCAAAGAGAAGCTATTAGACCTGCTTGG
CAAAGAGGAGGACGAAGGGAGCCACGATGAGAAATGTGAGTACTTGTGACACAATGCCAAACCACTCTGAA
ACCATCAGTCACACTGTGAACGTGCCCTGCAGACGACCTGGGGACCTTGGAGGAGATTGCCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210409 protein sequence

Red=Cloning site Green=Tags(s)

 MDLKESPSEGLQPSSIQIFANTSTLHGIRHIFVYGPLTIRRVLWAVAFVGSGLLLVESSERSYFYFSY
QHVTKVDEVVAQSLVFPVAVTLCNLNGFRFSRLTTNDLYHAGELLALLDVNLQIPDPLADPSVLEALRQK
ANFKHYKPKQFSMLEFLHRVGHDLKDMMLYCKFKGQECGHQDFTTVFTKYGKCYMFNSGEDGKPLLTIVK
GGTGNGLEIMLDIQDEYLPWGETEETTFEAGVKVQIHSQSEPPFIQELGFGVAPGFQTFVATQEQLT
YLPPPWGECSRSEMGLDFFPVYSITACRIDCETRYIVENCNCRMVHMPGDAPFCTPEQHKECAEPALGLL
AEKDSNYCLCRTPCNLTRYNKLMSVKIPSKTSAKYLEKKFNKSEKYISENILVLDIFFEALNYETIEQK
KAYEVAALLGDIGQMGLFIGASILTILELFDYIELIKEKLLDLLGKEEDEGSHDENVSTCDTMPNHSE
TISHTVNVPLQTTLGTLEEIAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001094

ORF Size:

1536 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_001094.4, NP_001085.2</u>
RefSeq Size:	2747 bp
RefSeq ORF:	1539 bp
Locus ID:	40
UniProt ID:	<u>Q16515</u>
Cytogenetics:	17q11.2-q12
MW:	57.7 kDa