

Product datasheet for **RC203827A1V**

Human ACCN4 (ASIC4) (NM_182847) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ACCN4 (ASIC4) (NM_182847) AAV Particle
Tag:	Myc-DDK
Symbol:	ASIC4
Synonyms:	ACCN4; BNAC4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203827 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCTGAGCGGAGCGGCTGGGGCTGCGCGCGTGGCGGAGCAGCGCTCGCTCCCTCGCTCACTCGCTCGC
TCGCAGGGACACACGCAGGGGCTGACAGCTGTGCTGGTCTGATAAGGGAAGCCACAAGGAGACGATCGA
GGAGAGAGACAAGCGGCAGCAGAGGCAGCAGCGGCAGAGGCAGCACCAGGGCTGCGGAGCTGCTGGGAGT
GGGAGTGAATCCCCACCTCGGGCCCCACCTGTCCCTGTCTCTTCCCGCTTGCCCTGAGTTTAGAAG
AGCAGCCGCTGCCACCACTGCCACTCGGGAGGGCACCAGGGCTGCTGGCTAGGGAGGGACAGGGCAGGGA
GGCTCTGGCCAGTCCCAGCAGCCGGGGACAGATGCCGATCGAGATTGTGTGAAAATCAAATTTGCTGAG
GAGGATGCGAAACCAAGGAGAAGGAGGCAGGGGATGAGCAGAGCCTCCTCGGGGCTGTTGCCCTGGAG
CAGCCCCCGAGACCTGGCCACCTTTGCCAGCACCAGCACCCTGCATGGACTGGCCGGGCTGTGGCCC
AGGCCCCCAGGACTGCGCAGAACCTGTGGGCACTGGCCCTACTCACCTCGTGGCTGCCTTCTGTAC
CAGGCGGCTGGCTGGCCCGGGGCTACCTGACCCGGCCTCACCTGGTGGCAATGGACCCGCTGCCCCAG
CCCCAGTGGCGGGCTTCCCGGCTGTACCCCTCTGCAATATCAACCGCTTCCGGCATTGCGCACTCAGCGA
TGCCGACATCTTCCACCTGGCCAATCTGACAGGGCTGCCCCCAAAGACCGGGATGGGCACCGTGC GGCT
GGCCTGCGCTACCCAGAGCCTGACATGGTAGACATCCTCAACCGCACTGGCCACCAGCTCGCCGACATGC
TTAAGAGCTGCAACTTCAGTGGGCATCACTGCTCCGCCAGCAACTTCTCTGTGGTCTATACTCGTATGG
GAAGTGTACACCTTCAACGCGGACCCGCGGAGCTCGCTGCCAGCCGGGAGGGGGCATGGGCAGTGGC
CTGGAGATCATGCTGGACATCCAGCAGGAGGAGTACCTGCCCATCTGGAGGGAGACAAATGAGACGTCGT
TTGAGGCAGGTATTCGGGTGCAGATCCACAGCCAGGAGAGCCGCCCTACATCCACCAGCTGGGGTTCGG
GGTGTCCCGAGGCTTCCAGACCTTTGTGTCTGCCAGGAACAGCGGCTGACCTACCTGCCCGAGCCCTGG
GGCAACTGCCGCGCAGAGAGTGAAGTCAAGGAGCCTGAGCTTCAAGGGCTACTCGGCCTACAGTGTGTCTG
CCTGCCGGCTGCGCTGTGAAAAGGAGGCCGTGCTTCAAGCGCTGCCACTGCCGGATGGTGCACATGCCAGA
CTCCCTGGGTGGGGGCCCTGAGGGCCCGTGTCTTCTGCCCAACCCCTGCAACCTGACACGCTATGGGAAA
GAGATCTCCATGGTCAGGATCCCAACAGGGGCTCAGCCCGGTACCTGGCGAGGAAGTACAACCGCAACG
AGACCTACATACGGGAGAACTTCTGGTCTAGATGTCTTCTTTGAGGCCCTGACCTCTGAAGCCATGGA
GCAGCGAGCAGCCTATGGCCTGTCAGCCCTGCTGGGAGACCTCGGGGACAGATGGGCCTGTTTATTGGG
GCCAGCATCCTACGTTGCTGGAGATCCTCGACTACATCTATGAGGTGTCTGGGATCGACTGAAGCGGG
TATGGAGGCGTCCAAGACCCCTGCGGACCTCCACTGGGGGATCTCCACTTTGGGGCTTCAGGAGCT
GAAGGAACAGAGTCCCTGCCCGAGCCTGGGCCGAGCGGAGGTGGGGGGTCAAGCAGTCTGCTCCCAAT
CACCACCACCCACGGTCCCCAGGAGGTCTCTTTGAAGATTTTGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203827 protein sequence Red=Cloning site Green=Tags(s) MLSGAAGAARRGGAALAPSLTRSLAGTHAGADSCAGADKGSHKETIEERDKRQQRQQRQHQGCGAAGS GSDSPTSGPHVPVLFPLALSLEEQLPPLPLGRAPGLLAREGQGREALASPSSRGQMPIEIVCKIKFAE EDAKPKEKEAGDEQSLLGAVAPGAAPRDLATFASTSTLHGLGRACGPGPHGLRRTLWALALLTSLAAFLY QAAGLARGYLTRPHLVAMDPAAPAPVAGFPAVTLNINRFRHSALSDADIFHLANLTGLPPKDRDGHRAA GLRYPEPDMVDILNRTGHQLADMLKSCNFSGHHCASNFVVYTRYGKCYTFNADPRSSLP SRAGGMGSG LEIMLDIQEEYLPWIWRETNETSFEAGIRVQIHSQEEPPYIHLGFGVSPGFQTFVSCQEQLTYLPQPW GNCRAESELREPELQGYSAVSACRLRCEKEAVLQRCHCRMVHMPDSLGGGPEGPCFCPTPCNLTRYGK EISMVRIPNRSARYLARKYNRNETYIRENFLVLDVFFEALTSEAMEQRAAYGLSALLGDLGGQMGLFIG ASILTLLIILDYIYEVSWDRCLKRVWRPKTPLRTSTGGISTLGLQELKEQSPCPSLGRAEGGGVSSLLPN HHHPHGPPGGLFEDFAC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_182847
ORF Size:	1941 bp
Buffer:	PBS with 0.001% Pluronic F5487
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_182847.1, NP_878267.1</u>
RefSeq Size:	2857 bp
RefSeq ORF:	1563 bp
Locus ID:	55515
UniProt ID:	<u>Q96FT7</u>
Cytogenetics:	2q35
MW:	70 kDa