

Product datasheet for **RC209564A1V**

Human epithelial Sodium Channel alpha (SCNN1A) (NM_001038) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human epithelial Sodium Channel alpha (SCNN1A) (NM_001038) AAV Particle
Tag:	Myc-DDK
Symbol:	SCNN1A
Synonyms:	BESC2; ENaCa; ENaCalpha; LIDLS3; SCNEA; SCNN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209564 representing NM_001038
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGGAACAAGCTGGAGGAGCAGGACTCTAGCCCTCCACAGTCCACTCCAGGGCTCATGAAGGGGA
 ACAAGCGTGAGGAGCAGGGGCTGGGCCCGAACCTGCGGCGCCCCAGCAGCCACGGCGGAGGAGGAGGC
 CCTGATCGAGTTCCACCGCTCCTACCGAGAGCTCTTCGAGTTCTTCTGCAACAACACCACCATCCACGGC
 GCCATCCGCTGGTGTGCTCCAGCACAACCGCATGAAGACGGCCTTCTGGGCAGTGCTGTGGCTCTGCA
 CCTTTGGCATGATGACTGGCAATTTCGGCCTGCTTTTCGGAGAGTACTTCAGCTACCCCGTCAGCCTCAA
 CATCAACCTCAACTCGGACAAGCTCGTCTTCCCGCAGTGACCATCTGCACCCTCAATCCCTACAGGTAC
 CCGGAAATTAAGAGGAGCTGGAGGAGCTGGACCGCATCACAGAGCAGACGCTCTTTGACCTGTACAAAT
 ACAGCTCCTTACCAGCTCTCGTGGCCGGCTCCCGCAGCCGTCGCGACCTGCGGGGGACTCTGCCGCACCC
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 GCCTGCCGCTTCAACCAGGTCTCCTGCAACCAGGCGAATTACTCTCACTTCCACCACCCGATGTATGGAA
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 TGGCAGTGATGTTCTGTGTTGAGAACCTTTACCTTCAAAGTACACACAGCAGGTGTGTATTCACTCCTGC
 TTCCAGGAGAGCATGATCAAGGAGTGTGGCTGTGCCTACATCTTCTATCCGCGGCCCCAGAACGTGGAGT
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 TCACGATGGCCCTCGGTGACATCCCAGGAATGGGTCTTCCAGATGCTATCGCGACAGAACAAATTACACCG
 TCAACAACAAGAGAAATGGAGTGGCCAAAGTCAACATCTTCTTCAAGGAGCTGAATAACAAACCAATTC
 TGAGTCTCCCTCTGTACGATGGTCACCCTCCTGTCCAACCTGGGCAGCCAGTGGAGCCTGTGGTTCCGGC
 TCCTCGGTGTTGTCTGTGGTGGAGATGGCTGAGCTCGTCTTTGACCTGCTGGTCATCATGTTCTCTCATGC
 TGCTCCGAAGGTTCCGAAGCCGATACTGGTCTCCAGGCCGAGGGGGCAGGGGTGCTCAGGAGGTAGCCTC
 CACCCTGGCATCCTCCCCTCCTTCCCACTTCTGCCCCACCCCATGTCTCTGTCTTGTCCCAGCCAGGC
 CCTGCTCCCTCTCCAGCCTTGACAGCCCTCCCCTGCCTATGCCACCCTGGGCCCCCGCCCATCTCCAG
 GGGGCTCTGCAGGGGCCAGTTCTCCTCGCTGTCTCTGGGGGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209564 representing NM_001038 Red=Cloning site Green=Tags(s) MEGNKLEEQDSSPPQSTPGLMKGNKREEQGLGPEPAAPQQPTAEEEEALIEFHRSYRELFEFFCNNTTIHG AIRLVCSQHNRMKTAFWAVLWLCTFGMMYWQFGLLFGEYFSYPVSLNINLNSDKLVFPVAVTICTLNPYRY PEIKEELEELDRITEQTLFDLYKYSSFITLVAGSRSRDLRGTLPPLQLRVPPPHGARRARVASSL RDNNPQVDWKDWKIGFQLCNQNKSDCFYQTYSSGVDVREWYRFHYINILSRLPETLPSLEEDTLGNFIF ACRFNQVSCNQANYSHFHHMPYGNCTFNDKNNNLWMSSMPGINNGLSLMLRAEQNDFIPLLSTVTGAR VMVHGQDEPAFMDDGGFNLPGVETISMRKETLDRLLGGDYGDCTKNGSDVPVENLYPSKYTQQVCIHSC FQESMIKECGCAYIFYPRPQNVEYCDYRKHSSWGICYKLVDFSSDHLGCFTKCRKPCSVTSYQLSAGY SRWPSVTSQEWVFQMLSRQNNYVNNKRVAKVNIFFKELNYKTNSESPSVTMVTLNLSQWLSLWFG SSVLSVVEMAELVFDLLVIMFLMLLRFRSRYWSPGRGGRGAQEVASTLASSPPSHFCPPHMSLSLSPG PAPSPALTAPPAYATLGPRSPGGSAGASSACPLGGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001038
ORF Size:	2007 bp
Buffer:	PBS with 0.001% Pluronic F6461
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_001038.4</u>
RefSeq Size:	3171 bp
RefSeq ORF:	2010 bp
Locus ID:	6337
UniProt ID:	<u>P37088</u>
Cytogenetics:	12p13.31
MW:	75.5 kDa