

## Product datasheet for **SC214935**

### SLC9A9 (NM\_173653) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SLC9A9 (NM_173653) Human 3' UTR Clone
Symbol:	SLC9A9
Synonyms:	AUTS16; NHE9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173653
Insert Size:	1510 bp



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**Insert Sequence:** >SC214935 3'UTR clone of NM\_173653  
 The sequence shown below is from the reference sequence of NM\_173653. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAACCTTTGGGTCAATCCAGTTGAATTAATTGGCATGAAGAGTACAGATGTAATCACAAAGTAATGCAA
GACTCACTGAGGAATACAAGCCAAGCTGATGAGGCAGTACAGGGGAGAGGCTGGAAAACATATTAAGAG
CATAAATTGGAGAGAATCAAAGCCTTGTACATGGATCCTCTGGTGCCTGAAGAAATGAGATTTTATTA
TCCCTCTCTATTATGCAAATGAATTTAGTTTTTTGACAGCAGCCATTCTGATTACTGGATTGGCTGGGG
TGGGGATGGAGGTATCAGGAGTCTAGCTGCTGGAGGATGGGACAGCTGTGCTGGGTCTTCAGGGCATT
CTGCTGCGAATGCGGCTCTCCAGGCCCTCACTTCTATTCTGGATTTTATCCCTCCATTAAGGAGAGT
TTAAAAATAAAAGAAAGCTTCTGAGAGTAAACATTTTGCTCCTAAGCTGAAGGGAATGCCAGCTATTT
AGTAAGTGATAAGTTTCTATTTTGGAGACTTGACTCCCATTTGCTCTCAGTGACCCAGGGCAGAGCC
CAGAGAAGTGTTCCGTACCCACTGCTGATGGTTTCCAGAGCCACACTGAGTTGAAGAACCTATTGTT
CTTCTTGGCATCCTTCTTATGCTACTTCTCCATCGCTCAAAGGGGTTGCCTATGGCTGGGTGTGCCCT
GCCCTAAATGCAGCACCCTTTCAAGCTTAGTAGGACCATTCCAAGAAAACCAGGTTTCTTCTCCCAT
ACCACGTTGTGCCTGAAGAAACAAGCCTTCCCGTCTTGCCTGCATGTGAGTCACTTCTTGGCTGTGCAG
CAGGTCCCCCCTCCCCGCGATATGCTGGAGGGTAGGATTCTGCAGCCTGTGTTGCTCTCTACCTGGCA
GCAGACTGTGCAGGAGCCCCAACCTGCTCCTCAATTCCAGCATTACAGCTGATGAGCAGTGCAGGAGC
AGGGCGAGAGGAACAGAGCCAATGATGTGTGGTTACACTGAGGAGCCAAGGACAGGGCCCTCAGGTCTC
CCCCTTACAAGGCGTGGCTCATGGCCTGCATTCCAGAGACCAACATGATAGCTTTTAATTCAGTGCAT
GACCTGTGCCTTTTAAGCCATAAAGATACCTCAAGCCTAGCACCTCTTGAATCCAGATGTTTCATATTA
GACTCGAAAAAATAGGCTCCAGGCTAGGTGCCAGGCTATGATGAGTCTGCTTTTGAAGGAGGTAGGG
AATGACATCTTCTTGGACCCAAAGCTTAAAAGTAATGTATGCTTTGCTGACCACTGTTTGTAGGCCT
TAAACAACATTCAGTGGTGGTATCAGGCACACTGCTATGTGCATCAATATTTTTTTGCTTTCCAAA
CAGAATCTCTGGGCGACAAGTTTTACACTCAAGCTAAGTATAACTTTGTCATTTCCAGGTAATATGACA
AGTGGTGGAGCATGAAGTTTTCTAATTTGACTTAATCCTAATAAATTTTTGTTACAAAGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_173653.4](#)

**Summary:** This gene encodes a sodium/proton exchanger that is a member of the solute carrier 9 protein family. The encoded protein localizes to the late recycling endosomes and may play an important role in maintaining cation homeostasis. Mutations in this gene are associated with autism susceptibility 16 and attention-deficit/hyperactivity disorder. [provided by RefSeq, Mar 2012]

**Locus ID:** 285195

MW: 55.7