

## Product datasheet for **SC216203**

### SLC8A3 (NM\_182936) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SLC8A3 (NM_182936) Human 3' UTR Clone
Symbol:	SLC8A3
Synonyms:	NCX3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_182936
Insert Size:	1762 bp



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**Insert Sequence:** >SC216203 3'UTR clone of NM\_182936  
 The sequence shown below is from the reference sequence of NM\_182936. 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
GAGGCCTATTGCTACATCAAGGGGTTCTAAGCCACACAACAGAGCCTCCAGCAGGGCAGGCCTAGGACT
TCTCCTAAGAGAAGGGCACTTCCCCACCAAGTGATCTCTCCGACTGCACTGCCCTGGAGAGGCAGCATC
AGGACCTAAGCCCCAGGAACTTCACCCAACCTAGGCCCTGGCAATTAAGTAAAGGGCAAAGTCTTAAT
CAATCAAACAATGGAGGAATCACCGACTTTACACAGTATTTAATTGAATACAAACAAGCAACAGCAACA
AATCCACCTCCACCCATCTCCCCTCATATCCCTGACCCAAAGCAAAGGTCAGAGCCTTTCGCCTCCT
TCTATTCCATCTTTTGATTATTCCTTTGCCTCTCATTCTTTGGAAGCAGGGTTTCTCCTCTGCCCCA
ATTCCATATGCCCTATTATCTCACTCAGCTGACAAGACGTGAAAATGAGTCACATTCATGTGGCTGGG
GTGGGGTTCTTTTTTTCATTGTAATCATTATTGTGGTTGCTTTTCGTTTTGCCATTAGGTTTTGCTTATTA
TTTTGTTTTGCTTTTTTTTCTGAAGTGAGTGAAAAGGTGCCACAAAGGAATCCAGGTCGAGCCAA
CAGAGAGAAACATGAATTTTTAGACACATGCTCTCCTGCCACCTCTTGGCTCCATCAAGATCCAGTTCC
CCATCTCACTGTTTTCTGAGTTCTTGGGAGGAGTGATGGTGTGGGGTAGAAAATAGCTCACTCACC
CACGCAGGGTACTAAAGATCTTACAGGAGCTTCAACTGGAGCAGGAGGAGCTTTTTATGCTTATGTTGA
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ATGGTGTGTGACGACAAAAGGGCTACTGGAAGAACAAAAGGATACAGGCCTTCTTGATTATCTTTGGCT
TTGTACCTGAGGCAGGAGAGAAGAGATGTCCAACCAAGTGAATCTTAAAGAGAAAAGTTTGTATTTTAA
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TGAATATATTTCTGAAGTGGTGTAAAAACTTAGAGATTTTATAAGAGAACCAGGGGCTCCCTTCACT
CTCCTGTCCTCAGGTCACATATGAAAGCATTTTTACAAGATAGGAACTGGAATTCCTCATTTCTCCC
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AGAGGAATCTTAGTTGTCATAATCCCTTGGAGCCTGGGTTTTTGGAGAAAGAGATCTCCGTGCCCTACA
GACCTTTTCTCAACGAATGTGGGAAGGACCTGGCTTTAAACACGCACACAAACACAAATAAACAGA
CATAAGATGTCATCACGAACTGCCACGATCTTTAGGCTTTCTGCATTGACATAAATACATTTTCTA
AGGGGGGGGGGAAGAAATTAATAAACACCTGTTAATTTTAAACACATTTTTTAAGAAAAAATAATTA
AAAAAGAAACAGTGCTCATGTCATAAGCTATGTTGACAGTTGCCAGTGGAATGTTGGGTTGGTTCAA
AAAAAATAAAAGCTATACTATATCTCTACATACA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_182936.3](#)

**Summary:** This gene encodes a member of the sodium/calcium exchanger integral membrane protein family. Na<sup>+</sup>/Ca<sup>2+</sup> exchange proteins are involved in maintaining Ca<sup>2+</sup> homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na<sup>+</sup> for Ca<sup>2+</sup> occurs in an electrogenic manner. Alternative splicing has been observed for this gene and multiple variants have been described. [provided by RefSeq, Aug 2013]

**Locus ID:** 6547

**MW:** 66.8