

## Product datasheet for **SC216202**

### SLC8A3 (NM\_001130417) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SLC8A3 (NM_001130417) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC8A3
Synonyms:	NCX3
ACCN:	NM_001130417
Insert Size:	1762 bp



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<b>Insert Sequence:</b>	<p>&gt;SC216202 3'UTR clone of NM_001130417 The sequence shown below is from the reference sequence of NM_001130417. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGGCCTATTGCTACATCAAGGGGTTCTAAGCCACACAACAGAGCCTCCAGCAGGGCAGGCCTAGGACT TCTCCTAAGAGAAGGGCACTTCCCCACCAAGTGATCTCTCCGACTGCACTGCCCTGGAGAGGCAGCATC AGGACCTAAGCCCCAGGAACTTCACCCAACCTAGGCCCTGGCAATTAAGTAAAGGGCAAAGTCTTAAT CAATCAAACAATGGAGGAATCACCGACTTTACACAGTATTTAATTGAATACAAACAAGCAACAGCAACA AATCCACCTCCACCCATCTCCCCTCATATCCCTGACCCAAAGCAAAGGTCAGAGCCTTTCGCCTCT TCTATTCCATCTTTTGATTATTCCTTTGCCTCTCATTCTTTGGAAGCAGGGTTTCTCCTCTGCCCCA ATTCCATATGCCCTATTATCTCACTCAGCTGACAAGACGTGAAAATGAGTCACATTCATGTGGCTGGG GTGGGGTTCTTTTTTTCATTGTAATCATTATTGTGGTTGCTTTTCGTTTTGCCATTAGGTTTTGCTTATTA TTTTGTTTTGCTTTTTTTTTCTGAAGTGAGTGAAAAGGTGCCACAAAGGAATCCAGGTCGAGCCAA CAGAGAGAAACATGAATTTTTAGACACATGCTCTCCTGCCACCTCTTGGCTCCATCAAGATCCAGTTCC CCATCTCACTGTTTTCTGAGTTCTTGGGAGGAGTGATGGTGTGGGGTAGAAAATAGCTCACTCACC CACGCAGGGTACTAAAGATCTTACAGGAGCTTCAACTGGAGCAGGAGGAGCTTTTTATGCTTATGTTGA ATCAAGTCAGATACAAAAAGCAATTGTCCTCTTTGCCAAGCCTTTCCAATTCTGTGTCTTGTGTG GTCAGTGTCCACTTGTGTATCCTTCTGCAGGAAGACCCGCCAAATAGAAGAGATGGGACAAAAATAGGA ATGGTGTGTGACGACAAAAGGGCTACTGGAAGAACAAGGGATACAGGCCTTCTTGATTATCTTTGGCT TTGTACCTGAGGCAGGAGAGAAGAGATGTCCAACCAAGTGAATCTTAAAGAGAAAAGTTGTATTTTAA ATGTCAATGTGCCTGAGAAATGTCAGCTTCAACCAGCTCTTGCTTCTAATGCTCTATACAAAGAGGGC TGAATATATTTCTGAAGTGGTGTAAAAACTTAGAGATTTTATAAGAGAACCAGGGGCTCCCTTACCT CTCCTGGTCCCTCAGGTCACATATGAAAGCATTTTTACAAGATAGGAACTGGAATTCCTCATTTCTCCC ATGTTCTGCTTGTCTTAAACTTCATGAAGCTATTTTTCCAGCCTATGGGGTAGTTCTTCTCCAGTA AGAGGAATCTTAGTTGTCATAATCCCTTGGAGCCTGGGTTTTTGGAGAAAGAGATCTCCGTGCCCTACA GACCTTTTCTCAACGAATGTGGGAAGGACCTGGCTTTAAACACGCACACAAACACAAATAAACAGA CATAAGATGTCATCACGAACTGCCACCGATCTTTAGGCTTTCTGCATTGACATAAATACATTTTCTA AGGGGGGGGGGAAGAAATTAATAAACACCTGTTAATTTTAAACACATTTTTTAAGAAAAAATAATTA AAAAAGAAACAGTGCTCATGTCATAAGCTATGTTGACAGTTGCCAGTGGAATGTTGGGTTGGTTCAA AAAAAATAAAAGCTATACTATATCTCTACATACA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001130417.3</a>

**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