

Product datasheet for **SC216207**

SLC8A3 (NM_058240) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC8A3 (NM_058240) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC8A3
Synonyms:	NCX3
ACCN:	NM_058240
Insert Size:	1762 bp



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Insert Sequence: >SC216207 3'UTR clone of NM_058240
The sequence shown below is from the reference sequence of NM_058240. 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
AGGACCTAAGCCCCAGGAACTTACCCAACTTAGGCCCTGGCAATTAAGTAAAGGGCAAAGTCTTAAT
CAATCAAACAATGGAGGAATCACCGACTTTACACAGTATTTAATTGAATACAAACAAGCAACAGCAACA
AATCCACCTCCACCCATCTCCCCTCATATCCCTGACCCAAAGCAAAGGTCAGAGCCTTTCGCCTCT
TCTATTCCATCTTTTATTCTTTGCCTCTCATTCTTTGGAAGCAGGGTTTCTCTCTGCCCCA
ATTCCATATGCCCTATTATCTCACTCAGCTGACAAGACGTGAAAATGAGTCACATTCATGTGGCTGGG
GTGGGGTTCTTTTTTATTGTAATCATTATTGTGGTTGCTTTCGTTTTGCCATTAGGTTTTGCTTATTA
TTTTGTTTTGCTTTTTTTCTGAAGTGAGTGAAAAGGTGCCACAAAGGAATCCAGGTCGAGCCAA
CAGAGAGAAACATGAATTTTTAGACACATGCTCTCCTGCCACCTCTTGGCTCCATCAAGATCCAGTTCC
CCATCTCACTGTTTTCTGAGTTCTTGGGAGGAGTGATGGTGTGGGGTAGAAAATAGCTCACTCACC
CACGCAGGGTACTAAAGATCTTACAGGAGCTTCAACTGGAGCAGGAGGAGCTTTTTATGCTTATGTTGA
ATCAAGTCAGATACAAAAAGCAATTGTCCTCTTTGCCAAGCCTTCCAATTCTGTGTCTTGTGTG
GTCAGTGTCCACTTGTGTATCCTTCTGCAGGAAGACCCGCCAAATAGAAGAGATGGGACAAAAATAGGA
ATGGTGTGTGACGACAAAGGGCTACTGGAAGAACAAGGGATACAGGCCTTCTTGATTATCTTTGGCT
TTGTACCTGAGGCAGGAGAGAAGAGATGTCCAACCAAGTGAATCTTAAAGAGAAAAGTTGTATTTTAA
ATGTCAATGTGCCTGAGAAATGTGAGCTTCAACCAAGCTTGTCTTCTAATGCTCTATACAAAGAGGGC
TGAATATATTTCTGAAGTGGTGTAAAACTTAGAGATTTTATAAGAGAACCAGGGGCTCCCTTCACT
CTCCTGTCCTCAGGTCACATATGAAAGCATTTTTACAAGATAGGAACTGGAATTCCTCATTCTCCC
ATGTTCTGCTTGTCTTAACTTCAAGACTATTTTCCAGCCTATGGGGTAGTTCTTCTCAGTA
AGAGGAATCTTAGTTGCATAATCCCTTGGAGCCTGGGTTTTTGGAGAAAGAGATCTCCGTGCCCTACA
GACCTTTTCTCAACGAATGTGGGAAGGACCTGGCTTTAAACACGCACACAAACACAAATAAACAGA
CATAAGATGTCATCACGAACTGCCACGATCTTTAGGCTTCTGCATTGACATAAATACATTTTCTA
AGGGGGGGGGGAAGAAATTAATAAACACCTGTTAATTTTAAACACATTTTTTAAGAAAAAATAATTA
AAAAAGAAACAGTGCTCATGTCATAAGCTATGTTGACAGTTGCCAGTGGAATGTTGGGTTGGTTCAA
AAAAAATAAAAGCTATACTATATCTCTACATACA
ACGCGTAAAGCGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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_058240.4](#)

Summary: This gene encodes a member of the sodium/calcium exchanger integral membrane protein family. Na⁺/Ca²⁺ exchange proteins are involved in maintaining Ca²⁺ 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⁺ for Ca²⁺ 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