

Product datasheet for **SC216205**

SLC8A3 (NM_033262) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC8A3 (NM_033262) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC8A3
Synonyms:	NCX3
ACCN:	NM_033262
Insert Size:	1762 bp



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Insert Sequence: >SC216205 3'UTR clone of NM_033262
 The sequence shown below is from the reference sequence of NM_033262. 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
ATCAAGTCAGATACAAAAAGCAATTGTCCTCTTTGCCAAGCCTTTCCAATTCTGTGTCTTGTGTG
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ATGGTGTGTGACGACAAAAGGGCTACTGGAAGAACAAAAGGGATACAGGCCTTCTTGATTATCTTTGGCT
TTGTACCTGAGGCAGGAGAGAAGAGATGTCCAACCAAGTGAATCTTAAAGAGAAAAGTTGTATTTTAA
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TGAATATATTTCTGAAGTGGTGTAAAAACTTAGAGATTTTATAAGAGAACCAGGGGCTCCCTTCACT
CTCCTGTCCTCAGGTCACATATGAAAGCATTTTTACAAGATAGGAACTGGAATTCCTCATTTCTCCC
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AGAGGAATCTTAGTTGCATAATCCCTTGGAGCCTGGGTTTTTGGAGAAAGAGATCTCCGTGCCCTACA
GACCTTTTCTCAACGAATGTGGGAAGGACCTGGCTTTAAACACGCACACAAACACAAATAAACAGA
CATAAGATGTCATCACGAACTGCCACGATCTTTAGGCTTTCTGCATTGACATAAATACATTTTCTA
AGGGGGGGGGGAAGAAATTAATAAACACCTGTTAATTTTAAACACATTTTTTAAGAAAAAATAATTA
AAAAAGAAACAGTGCTCATGTCATAAGCTATGTTGACAGTTGCCAGTGGAATGTTGGGTTGGTTCAA
AAAAAATAAAAGCTATACTATATCTCTACATACA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_033262.5](#)

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