

## Product datasheet for **SC215221**

### **SERCA3 (ATP2A3) (NM\_174957) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	SERCA3 (ATP2A3) (NM_174957) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP2A3
Synonyms:	SERCA3
ACCN:	NM_174957
Insert Size:	1579 bp



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**Insert Sequence:** >SC215221 3'UTR clone of NM\_174957  
 The sequence shown below is from the reference sequence of NM\_174957. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACCACATGCACGAAATGAGCCAGAAGTAGCGCTGGGAACAGAGTGGAGTCTCCGGTGTGTACCTCAG
ACTGATGGTGCCCATGTGTTCCGCTCCGCCCCACCCTTGCCACCACACTCGCCCACTTGCCACCCGG
GTCCCGCCGGATAAATGACAGGCCCGAGGTGAGATGGCCATCCCGGGCCCGTCTGGGGTCTCTGT
CCCCACTTCTTTGGCCTGGGAGGTCTGTAATTCCTGTCTCCTGGACTCTCCTGGGAAGTTCCTGCT
CTGCAGCTCTGGCCAGGAGCTGCAGGCTGGGAGGGGGCAGCCAAGAAGCCGGAGCTGGCAGCATACCC
AGAGATCCGGGGCCCCCACCACAAATCACGAGTGCAGCTGGAGCTTGTCCCCCTTGTTCGGAAGC
TGGACGTTCACTTGGTACTGGTGCCTCTGCAGTACGGAGGACTCTGGGGTCTTCTTACCGGCTCT
GACCTCTCTCTTGTGCCTGGTCTGGGACTGGGTGAGCCCTGGGGGATCAGAAGGGGCCATCTGGGCCC
AGCTGTGTACAGCGAGGGTGGGCAGCCCTCCACTCCACTCTGCTTCCACAAAGTCGGCTCCCGAGAG
CTCGAGGCTGCTTCTGTTTATATGTGCAGGGCCCGGGCGGGTGAAGGGTCAAGAGACGGACACAAGGA
GCCGGCAGGAGGGCGGAGCGAGGATGTCCTTTCCCGGGAGACAAGTCGGGAAAGCCTGGCTGGACTGCC
TCAGCCCCGCGCCCTCCTGGACTCAGGGTTCCCGTCTGAGCTCGGGAGATGTTCAAGTCACTG
CCGCCCCGTCTGCCACGCAGAGGTCCAACCTGCCACCCCGCTCCCTGGTACCTGAGACCACCGACATCC
TCAGGTTCTGACCGTGGCGCCCTTCTACCCAGCCAGTGTGCGGCCCGCGCTGTCTGCACAGCTGG
GGGCTCTGAGCCTGGTGGGCTTCTGGACTCTTGGCTCACTCCTTGCCCTCCACGACACCCAT
GAGCCGAAAGGATGTCACTAAGGATGGCTGATTCCCCAAGGGCACCCGCTCTCCCTCCCTGCTGG
AGGAACACGTCATATCAGATGAGAGGAAGATGGCCTCTGATGGACAGAATTTTTCTTAACTCAGCTT
TTGCTACTTTGGCAAAAAGTAGCGAGGGGTAGCAGAAACCTGCACCAAGGATTGTCCTATGCTTGGC
CACTCCTAGAGCGTGTGCAGACTGATGATTTTATATGTAATCAAGACTCACATCCCTTTCTAGTCCC
CCACATCCAAAGCCCTCAGCCTGCCTTGACAGCAATGGGCTCCATGTTCTGTAGCCCCCTCCCTAC
GCCTACCCCTCCTCCTCTCACAGTTCTGGGCGCCAGTGAAGAAACGCAGTGGGGGAGGCAGGGA
GTCTGGTGCCTGCAGAGATTCTGCTTCTTCTGGGGGAGGTGGGGAGGTCTTAGCAGGAGCGGGC
CCTGTACCCACCTGCTGACCTGCTGTTTGGTAGAGAAATAAAGGTTGTGTACTGGGGAA
ACGGCTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-Mlul

**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\\_174957.3](#)

**Summary:** This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 489  
MW: 57.2