

## Product datasheet for **SC211391**

### **SERCA3 (ATP2A3) (NM\_174958) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SERCA3 (ATP2A3) (NM\_174958) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ATP2A3  
**Synonyms:** SERCA3  
**ACCN:** NM\_174958  
**Insert Size:** 996 bp  
**Insert Sequence:** >SC211391 3'UTR clone of NM\_174958  
The sequence shown below is from the reference sequence of NM\_174958. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
CACACCGGGTTGGCCTCTTTGAAGAAATGAAGCCAGAAGTGAGCGCTGGGAACAGAGTGGAGTCTCCGGG
CCCGGGCGGGTGAAGGGTCAGAGAGACGGACACAAGGAGCCGGCAGGAGGGCGGAGCGAGGATGTCCTT
TCCCGGGAGACAAGTCGGGAAAGCCTGGCTGGACTGCCTCAGCCCCGCGCCTCCTGGACTCAGGGTT
CCCCGTCTGAGCTCGGGAGATGTTCAAGTCACTGCGCCCGGTCTGCCACGCAGAGGTCCAATT
GCCACCCGCGTCCCTGGTACCTGAGACCACCGACATCCTCAGGTTCTGACCGTGGCGCCCTTCTACCC
AGCCAGTGTGCGGCCGCGCGCTGTCTGCACAGCTGGGGCCTCTGAGCCTGGTGGCTTCTGGACT
CTTGGCTCACTCCTTGCCCCCTCCCCACGACACCCATGAGCCGAAAGGATGTCATAAGGATGGCTGA
TTCCCAAGGGCACCCGCTTCCCTCCCTCCCTGCTGGAGGAACACGTCATATCAGATGAGAGGAAGAT
GGCCTCTGATGGACAGAATTTTCTCTTAAGTCACTTTTGTACTTTGGCAAAAAGTACGAGGGGTA
GCAGAAACCTGCACCAAGGATTGTCCTATGTCTTGCCACTCCTAGAGCGTGTGCAGACTGATGATTT
TATATGATAAATCAAGACTCACATCCCTTTCTAGTCCCCACATCAAAGCCCCTCAGCCTGCCTTGCA
GACCAATGGGCTCCATGTTCTGTAGCCCCCTCCCTACGCTCACCCCTCCTCCCTCTCACAGGTTCTG
GGCGCCAGTGAAGAAACGCAGTGGGGAGGCAGGGAGTCTGGTGCCTGCAGAGATTCTCTGCTTCTT
TCTGGGGGAGGTGGGGAGGTCTTAGCAGGAGCGGGCCCTGTACCCACCTGCTGACCTGCTGTTTGGT
AGAGAAATAAAGGTTGTGTGACTGGGGAA
ACGGGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<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_174958.3</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	489
<b>MW:</b>	36