

Product datasheet for **SC215277**

SERCA3 (ATP2A3) (NM_174954) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SERCA3 (ATP2A3) (NM_174954) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP2A3
Synonyms:	SERCA3
ACCN:	NM_174954
Insert Size:	1590 bp



[View online »](#)

Insert Sequence: >SC215277 3'UTR clone of NM_174954
 The sequence shown below is from the reference sequence of NM_174954. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGAGAGGGAGGAAGCAGGGAAGAAATGAGCCAGAAGTGAAGCGCTGGGAACAGAGTGGAGTCTCCGGT
GTGTACCTCAGACTGATGGTGCCCATGTGTTCCGCTCCGCCCCCACCCTTGCCACCACACTCGCCAC
TTGCCACCGGGTCCCGCCGGATAAATGACAGGCCCGAGGTGAGAATGGCCATCCCCGGGCCCGTCTCT
GGGGTCTCTGTCCCCTTCTTCTGGCCTGGGAGGTCTGTAATTCCTGTCTCTGGACTCTCTGGGA
AGTTCCCTGCTCTGCAGCTCTGGCCAGGAGCTGCAGGCTGGGAGGGGGCAGCCAAGAAGCCGGAGCTG
GCAGCATACCCAGAGATCCGGGGCCCCCACCCTCAATCACAGTGCAGCTGGAGCTTGTCCCCCT
TGTTCCGAAGCTGGACGTTCACTGGTACTGGTGCCTCTGCACTGACGGAGGACTCTGGGGTCTCTC
TTACCGGCTCTGACCTCTCTCTCGTGCCTGGTCTGGGACTGGGTGAGCCCTGGGGGATCAGAAGGGGC
CATCTGGGCCAGCTGTGTACAGCGAGGTGGGACGCCCTCCACTCCACTCTGCTTCCACAAAGTCG
GCTCCCGAGAGCTCGAGGCTGCTTCTGTTTATATGTGCAGGGCCCGGGCGGGTGAAGGGTCAAGAGAC
GGACACAAGGAGCCGGCAGGAGGGCGGAGCGAGGATGTCCTTTCCGGGAGACAAGTCGGGAAAGCCTG
GCTGGACTGCCTCAGCCCCGCGCCTCCTGGACTCAGGGTTCCTCGTCTGAGCTCGGGAGATGTTCA
GAGTCACACTGCCGCCGGTCTGCCACGCAGAGGTCCAATTGCCACCCGCTCCCTGGTACCTGAGAC
CACCGACATCCTCAGGTTCTGACCGTGGCGCCTTCTACCCAGCCAGTGTGCGGCCCGCGCTGTG
TGCACAGCTGGGGCCTCTGAGCCTGGTGGCTTCTGGACTCTGGCCTCACTCCTTCCCCCTCCCC
ACGACACCCATGAGCCGAAAGGATGTACTAAGGATGGCTGATCCCCAAGGGCACCCGCTCTCCCTCC
CTCCCTGCTGGAGGAACACGTATATCAGATGAGAGGAAGATGGCCTCTGATGGACAGAATTTTTCTCT
TAACTCAGCTTTTGTACTTTGGCAAAAAGTACGAGGGGTAGCAGAAACCTGCACCAAGGATTGTCCT
TATGTCTTGCCACTCCTAGAGCGTGTGCAGACTGATGATTTTATATGTAATCAAGACTCACATCCCT
TTCCTAGTCCCCACATCCAAAGCCCTCAGCCTGCCTTGACACCAATGGGCTCCATGTTCTGTAGCC
CCCTCCCTACGCCTCACCCCTCCTCCCTCACAGGTTCTGGGCGCCAGTGAGAGAAACGCAGTGGG
GGAGGCAGGGAGTCTGGTGCCTGCAGAGATTCTGCTTCTTTCCGTTGGGGGAGGTGGGAGGTCTTAG
CAGGAGCGGGCCCTGTACCCACCTGCTGACCTGCTGTTTGGTAGAGAAATAAAGGTTGTGTGACTGGG
GAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-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_174954.3](#)

Summary: This gene encodes one of the SERCA Ca²⁺-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: 56.8