

Product datasheet for **SC215222**

SERCA3 (ATP2A3) (NM_174953) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SERCA3 (ATP2A3) (NM_174953) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ATP2A3
Synonyms:	SERCA3
ACCN:	NM_174953
Insert Size:	1579 bp



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Insert Sequence: >SC215222 3'UTR clone of NM_174953
 The sequence shown below is from the reference sequence of NM_174953. 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
GGAAGCAGGGAAGAAATGAGCCAGAAGTAGCGCTGGGAACAGAGTGGAGTCTCCGGTGTGTACCTCAG
ACTGATGGTGCCCATGTGTTTCGCCTCCGCCCCACCCTTGCCACCACACTCGCCCACTTGCCACCCGG
GTCCCGCCGGATAAATGACAGGCCCGAGGTGAGATGGCCATCCCGGGCCCGTCTGGGGTCTCTGT
CCCCACTTCTTCTGGCCTGGGAGGTCTGTAATTCCTGTCTCCTGGACTCTCCTGGGAAGTTCCTGTCT
CTGCAGCTCTGGCCAGGAGCTGCAGGCTGGGAGGGGGCAGCCAAGAAGCCGGAGCTGGCAGCATACCC
AGAGATCCGGGGCCCCCACCACAAATCACGAGTGCAGCTGGAGCTTGTCTCCCTTGTTCGGAAGC
TGGACGTTCACTTGGTACTGGTGCCTCTGCAGTACGGAGGACTCTGGGGTCTTCTTACCGGCTCT
GACCTCTCTCTTGTGCCTGGTCTGGGACTGGGTGAGCCCTGGGGGATCAGAAGGGGCCATCTGGGCCC
AGCTGTGTACAGCGAGGGTGGGCAGCCCTCCACTCCACTCTGCTTCCACAAAGTCGGCTCCCGAGAG
CTCGAGGCTGCTTCTGTTTATATGTGCAGGGCCCGGGCGGGTGAAGGGTCAAGAGACGGACACAAGGA
GCCGGCAGGAGGGCGGAGCGAGGATGTCCTTTCCCGGGAGACAAGTCGGGAAAGCCTGGCTGGACTGCC
TCAGCCCCGCGCCCTCCTGGACTCAGGGTTCCCGTCTGAGCTCGGGAGATGTTTCAAGTACACTG
CCGCCCGGTCTGCCACGCAGAGGTCCAAGTTCACACCCCGCTCCCTGGTACCTGAGACCACCGACATCC
TCAGGTTCTGACCGTGGCGCCCTTCTACCCAGCCAGTGTGCGGCCCGCGCTGTCTGCACAGCTGG
GGGCTCTGAGCCTGGTGGGCTTCTGGACTCTTGGCTCACTCTTGGCCCTCCACGACACCCAT
GAGCCGAAAGGATGTCACTAAGGATGGCTGATTCCCCAAGGGCACCCGCTCTCCCTCCCTCCCTGCTGG
AGGAACACGTCATATCAGATGAGAGGAAGATGGCCTCTGATGGACAGAATTTTTCTTAACTCAGCTT
TTGCTACTTTGGCAAAAAGTAGCGAGGGGTAGCAGAAACCTGCACCAAGGATTGTCCTATGCTTGGC
CACTCCTAGAGCGTGTGCAGACTGATGATTTTATATGTAATCAAGACTCACATCCCTTTCTAGTCCC
CCACATCCAAAGCCCTCAGCCTGCCTTGACAGCAATGGGCTCCATGTTCTGTAGCCCCCTCCCTAC
GCCTACCCCTCCTCCTCTCACAGTTCTGGGCGCCAGTGGAGAAACGCAGTGGGGGAGGCAGGGA
GTCTGGTGCCTGCAGAGATTCTGCTTCTTCTGGGGGAGGTGGGGAGGTCTTAGCAGGAGCGGGC
CCTGTACCCACCTGCTGACCTGCTGTTTGGTAGAGAAATAAAGGTTGTGTGACTGGGGAA
ACGGCTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_174953.3](#)

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