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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
Symbol:	SERCA3
Synonyms:	SERCA3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
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

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACCACATGCACGAAATGAGCCAGAAGTGAGCGCTGGGAACAGAGTGGAGTCTCCGGTGTGTACCTCAG
ACTGATGGTGCCCATGTGTTCGCCTCCGCCCCCCACCCTTGCCACCACACTCGCCCACTTGCCCACCGG
GTCCCGCCGGATAAATGACAGGCCCGAGGTCAGAATGGCCATCCCCGGGCCCCGTCCTGGGGTCTCTGT
CCCCACTTCCTTCTGGCCTGGGAGGTCTGTAATTCCTGTCTCCTGGACTCTCCTGGGAAGTTCCCTGCT
CTGCAGCTCTGGCCCAGGAGCTGCAGGCTGGGAGGGGGCAGCCAAGAAGCCGGAGCTGGCAGCATACCC
AGAGATCCGGGGCCCCCCCACCCCCAAATCACGAGTGCAGCTGGAGCTTGCTCCCCCTTGTTCGGAAGC
TGGACGTTCACTTGGTGACTGGTGCCTCTGCACTGACGGAGGACTCTGGGGGTCCTTCTTACCGGCTCT
GACCTCTCTCTTCGTGCCTGGTCTGGGACTGGGTCAGCCCTGGGGGATCAGAAGGGGCCATCTGGGCCC
AGCTGTGTACAGCGAGGGTGGGCAGCCCCCTCCACTCCACTCTGCTTCCACAAAGTCGGCTCCCGAGAG
CTCGAGGCTGCTTCTGTTTATATGTGCAGGGCCCGGGCGGGTGAAGGGTCAGAGAGACGGACACAAGGA
GCCGGCAGGAGGGCGGAGCGAGGATGTCCTTTCCCGGGAGACAAGTCGGGAAAGCCTGGCTGGACTGCC
TCAGCCCCGCGCGCCTCCTGGACTCAGGGTTCCCCGTCCTGAGCTCGGGAGATGTTCAGAGTCACACTG
CCGCCCGGTCTGCCACGCAGAGGTCCAACTTGCCACCCGCGTCCCTGGTACCTGAGACCACCGACATCC
TCAGGTTCCTGACCGTGGCGCCCTTCTACCCAGCCCAGTGTGCGGCCGCCGCGCTGTCTGCACAGCTGG
GGGCCTCTGAGCCTGGTGGGCTTCCTGGACTCTTGGCCTCACTCCTTGCCCCCTCCCCACGACACCCAT
GAGCCGAAAGGATGTCACTAAGGATGGCTGATTCCCCAAGGGCACCCGCTCTCCCTCCCTCCCTGCTGG
AGGAACACGTCATATCAGATGAGAGGAAGATGGCCTCTGATGGACAGAATTTTTCTCTTAACTCAGCTT
TTGCTACTTTGGCAAAAACTAGCGAGGGGTAGCAGAAACCTGCACCAAGGATTGTCCCTATGTCTTGGC
CACTCCTAGAGCGTGTGCAGACTGATGATTTTATATGTAAATCAAGACTCACATCCCTTTCCTAGTCCC
CCACATCCAAAGCCCCTCAGCCTGCCTTGCAGACCAATGGGCTCCATGTTCTGTAGCCCCCTCCCCTAC
GCCTCACCCCTCCTCCCTCTCACAGGTTCTGGGCGGCCAGTGAGAGAAACGCAGTGGGGGAGGCAGGGA
GTCTGGTGCCTGCAGAGATTCTCTGCTTCTTTCCTGGGGGGAGGTGGGGAGGTCTTAGCAGGAGCGGGC
CCTGTACCCACCTGCTGACCTGCTGTTTGGTAGAGAAATAAAGGTTGTGTGACTGGGGGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_174957.3

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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

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