

Product datasheet for **SC203654**

SGCE (NM_003919) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SGCE (NM_003919) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SGCE
Synonyms: DYT11; epsilon-SG; ESG
ACCN: NM_003919
Insert Size: 549 bp
Insert Sequence: >SC203654 3'UTR clone of NM_003919
The sequence shown below is from the reference sequence of NM_003919. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCAGACTACAGGTAATGGTATCCCTGAGAAAAGAAAAGTACTGACTGAAGCAATGAATTTATAATCAGA
CAATATAGCAGTTACATCACATTTCTTTCTCTCCAATAATGCATGAGCTTTTCTGGCATATGTTATG
CATGTTGGCAGTATTAAGTGATACCAAATAATACAACATAACTTTCATTTTACTAATGTATTTTTTTG
TACTTAAAGCATTTTTGACAATTTGAAAAATTGATGACTTTATATTTGTTACAATAAAAGTTGATCT
TTAAAATAAATATTATTAATGAAGCCTAATGACTGGTAAAATTTACTTCAGTAACTATTTGCTTCCTA
TTAGTAGAAATCTTTAATCGCTAGAAACAGGTTTATGTGTTTCATTCTCATTCCACAAGACTTTAGTG
CTTCCTATGAATATATAAAATGCCTGTGCCTCCGTGTTCCAGTTGAGCAACCCATTTAAATAACTTT
AACTCTTGTGGCCTGTAAATCCTGTTGTTTTATATACCACTTGGGAGTGTTCGAATAAACCTAG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_003919.3](#)



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Summary:

This gene encodes the epsilon member of the sarcoglycan family. Sarcoglycans are transmembrane proteins that are components of the dystrophin-glycoprotein complex, which link the actin cytoskeleton to the extracellular matrix. Unlike other family members which are predominantly expressed in striated muscle, the epsilon sarcoglycan is more broadly expressed. Mutations in this gene are associated with myoclonus-dystonia syndrome. This gene is imprinted, with preferential expression from the paternal allele. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A pseudogene associated with this gene is located on chromosome 2. [provided by RefSeq, Oct 2016]

Locus ID:

8910

MW:

21.4