

Product datasheet for **SC209360**

SUCLA2 (NM_003850) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SUCLA2 (NM_003850) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SUCLA2
Synonyms:	A-BETA; A-SCS; LINC00444; MTDPS5; SCS-betaA
ACCN:	NM_003850
Insert Size:	745 bp
Insert Sequence:	>SC209360 3'UTR clone of NM_003850 The sequence shown below is from the reference sequence of NM_003850. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGATGTGAAATTTTCAGTTGCCAATAATGATCTGAAAACCCAGTGGATGGCTGAAGTGTTAAATGTGC
TATAATCATTAAAGAATACTGTGTTCTGTGTTATTGTTCTTTTTCTTTTAGTGTGTGGAGATTGTAATT
GCCATCTAGGCACACAAACATTTAAAAGGATTTGGACTGCATTTAATTGTACCATTACAGAATGGACTGT
TTGTACGAAGCATGTATAATGCAGTTATCTTCTTTCTTTTGTGCGAGCCAGTCTTTTTGCTTCTCCTA
CAAAACGTAACCTGCAATTTGCCAGTTTATTATTGTTGGATACAAAAGTTCTTCATTGATAAGAGTCTTA
TAAATAAGATAAATACGAAGATAAAGCTTTATTCTTTAGTGTAAAATACAGTATATCTAATAACTAGC
CTCATTAGTAGAGCAGTATATTAACAATGTTTTATGTAAAAGTGTATCTTCAGCACCAAAATACA
TGATAAATGTATCAATCACTATTTATAACAGAGCTTTCAAACACTCCTCAGAATATTCTTCTAAGTAT
TTTGATGAAGTAACTTTGTAATTTGAACATTGTTTTAATCATTAGGAAACACTGATTAAGTCAAG
TCTTCATGATTCTGTCATATTAAGAAACACCTGTAGGTTTGTCTCAAATAAAGGCATATATACCAAGGA
CTTACAGACAAAATTAAGAATGTCAATTTAAGTTAATAAAAATCTCCCAATATGA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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).



[View online »](#)

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_003850.3
Summary:	Succinyl-CoA synthetase (SCS) is a mitochondrial matrix enzyme that acts as a heterodimer, being composed of an invariant alpha subunit and a substrate-specific beta subunit. The protein encoded by this gene is an ATP-specific SCS beta subunit that dimerizes with the SCS alpha subunit to form SCS-A, an essential component of the tricarboxylic acid cycle. SCS-A hydrolyzes ATP to convert succinate to succinyl-CoA. Defects in this gene are a cause of myopathic mitochondrial DNA depletion syndrome. A pseudogene of this gene has been found on chromosome 6. [provided by RefSeq, Jul 2008]
Locus ID:	8803
MW:	29