

Product datasheet for **SC202931**

SUCLG1 (NM_003849) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SUCLG1 (NM_003849) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SUCLG1
Synonyms:	GALPHA; MTDPS9; SUCLA1
ACCN:	NM_003849
Insert Size:	248 bp
Insert Sequence:	>SC202931 3'UTR clone of NM_003849 The sequence shown below is from the reference sequence of NM_003849. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGGAATTTGAAAAGAGGAAGATGCTATGAAGAAAAAAAAAATTCCTAAAAGTGTGAATGGATCAGC TAGACATGTAACCCAGCAGCAGTTTGTCTTGTCCACTGATTAATCAGCCTATGTGCCTGACACTG GTCTTGACAGTAACTGGAAGCCAAAACAAGGTGGAAGATGTCTGAATTAAGATGTTTTACCACATT GTATTACAGAGACAGCCAATAAATCTACTATTTGATTTCAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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_003849.4



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Summary: This gene encodes the alpha subunit of the heterodimeric enzyme succinate coenzyme A ligase. This enzyme is targeted to the mitochondria and catalyzes the conversion of succinyl CoA and ADP or GDP to succinate and ATP or GTP. Mutations in this gene are the cause of the metabolic disorder fatal infantile lactic acidosis and mitochondrial DNA depletion. [provided by RefSeq, Feb 2010]

Locus ID: 8802

MW: 9.7