

## Product datasheet for **RC230086L2V**

### SUCLG2 (NM\_001177599) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SUCLG2 (NM_001177599) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SUCLG2
Synonyms:	G-SCS; GBETA; GTPSCS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001177599
ORF Size:	1320 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230086).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001177599.1</a> , <a href="#">NP_001171070.1</a>
RefSeq ORF:	1323 bp
Locus ID:	8801
UniProt ID:	<a href="#">Q96I99</a>
Cytogenetics:	3p14.1
Protein Pathways:	Citrate cycle (TCA cycle), Metabolic pathways, Propanoate metabolism
MW:	48.2 kDa



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**Gene Summary:**

This gene encodes a GTP-specific beta subunit of succinyl-CoA synthetase. Succinyl-CoA synthetase catalyzes the reversible reaction involving the formation of succinyl-CoA and succinate. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 5 and 12. [provided by RefSeq, Apr 2010]