

Product datasheet for **RC208298L4V**

SUCLG2 (NM_003848) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SUCLG2 (NM_003848) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SUCLG2
Synonyms:	G-SCS; GBETA; GTPSCS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003848
ORF Size:	1152 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208298).
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. More info
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:	NM_003848.2 , NP_003839.1
RefSeq Size:	2363 bp
RefSeq ORF:	1299 bp
Locus ID:	8801
UniProt ID:	Q96I99
Cytogenetics:	3p14.1
Protein Pathways:	Citrate cycle (TCA cycle), Metabolic pathways, Propanoate metabolism
MW:	41.2 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]