

## Product datasheet for RC207976L4V

## OriGene Technologies, Inc.

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## Solo (SESTD1) (NM\_178123) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

**Product Name:** Solo (SESTD1) (NM\_178123) Human Tagged ORF Clone Lentiviral Particle

Symbol: Solo
Synonyms: SOLO

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_178123 **ORF Size:** 2088 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC207976).

Sequence:
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 178123.3

 RefSeq Size:
 10448 bp

 RefSeq ORF:
 2091 bp

 Locus ID:
 91404

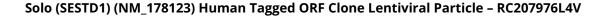
UniProt ID: Q86VW0

Cytogenetics: 2q31.2

**Protein Families:** Druggable Genome

**MW:** 79.3 kDa







## **Gene Summary:**

May act as the primary docking protein directing membrane turnover and assembly of the transient receptor potential channels TRPC4 and TRPC5. Binds phospholipids such as phosphatidylinositol monophosphates, phosphatidylinositol diphosphates (PIP2s) and phosphatidic acid, but not less polar lipids including phosphatidylcholine, phosphatidylserine, and phosphatidylinositol. The binding to PIP2s is calcium dependent. Might be involved in the plasma membrane localization of CTNNB1.[UniProtKB/Swiss-Prot Function]