

Product datasheet for RC201450L2V

OriGene Technologies, Inc.

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SAR1 (SAR1A) (NM_020150) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: SAR1 (SAR1A) (NM_020150) Human Tagged ORF Clone Lentiviral Particle

Symbol: SAR'

Synonyms: masra2; SAR1; Sara; SARA1

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_020150

ORF Size: 594 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC201450).

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.

RefSeg: NM 020150.1

 RefSeq Size:
 3018 bp

 RefSeq ORF:
 597 bp

 Locus ID:
 56681

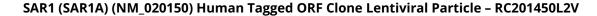
 UniProt ID:
 Q9NR31

 Cytogenetics:
 10q22.1

Domains: SAR, ARF, arf

MW: 22.4 kDa







Gene Summary:

Involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity). Required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES). [UniProtKB/Swiss-Prot Function]