

## Product datasheet for **RC201450L4V**

### **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:	SAR1
Synonyms:	masra2; SAR1; Sara; SARA1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020150
ORF Size:	594 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201450).
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_020150.1</a>
RefSeq Size:	3018 bp
RefSeq ORF:	597 bp
Locus ID:	56681
UniProt ID:	<a href="#">Q9NR31</a>
Cytogenetics:	10q22.1
Domains:	SAR, ARF, arf
MW:	22.4 kDa



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**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]