

## Product datasheet for **RC222562L4V**

### SA1 (STAG1) (NM\_005862) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SA1 (STAG1) (NM_005862) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SA1
Synonyms:	MRD47; SA1; SCC3A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005862
ORF Size:	3774 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222562).
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_005862.2</a>
RefSeq Size:	5166 bp
RefSeq ORF:	3777 bp
Locus ID:	10274
UniProt ID:	<a href="#">Q8WVM7</a>
Cytogenetics:	3q22.3
Domains:	STAG
Protein Families:	Druggable Genome



[View online »](#)

**Protein Pathways:** Cell cycle

**MW:** 144.2 kDa

**Gene Summary:** This gene is a member of the SCC3 family and is expressed in the nucleus. It encodes a component of cohesin, a multisubunit protein complex that provides sister chromatid cohesion along the length of a chromosome from DNA replication through prophase and prometaphase, after which it is dissociated in preparation for segregation during anaphase. [provided by RefSeq, Jul 2008]