

## Product datasheet for **RC215258L4V**

### SAP97 (DLG1) (NM\_004087) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SAP97 (DLG1) (NM_004087) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DLG1
Synonyms:	DLGH1; hdlg; SAP-97; SAP97
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004087
ORF Size:	2778 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215258).
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_004087.1</a> , <a href="#">NP_004078.2</a>
RefSeq Size:	5034 bp
RefSeq ORF:	2781 bp
Locus ID:	1739
UniProt ID:	<a href="#">Q12959</a>
Cytogenetics:	3q29
Domains:	SH3, PDZ, L27, Guanylate_kin, GuKc
Protein Families:	Druggable Genome



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**Protein Pathways:** T cell receptor signaling pathway

**MW:** 103.8 kDa

**Gene Summary:** This gene encodes a multi-domain scaffolding protein that is required for normal development. This protein may have a role in septate junction formation, signal transduction, cell proliferation, synaptogenesis and lymphocyte activation. A multitude of transcript variants deriving from alternative splicing and the use of multiple alternate promoter have been observed, including some splice variants that may be specific to brain and other tissues. An upstream uORF may regulate translation at some splice variants of this gene. [provided by RefSeq, Sep 2018]