

## Product datasheet for **RC200421L4V**

### **SATB1 (NM\_002971) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SATB1 (NM_002971) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SATB1
Synonyms:	DEFDA; KTZSL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002971
ORF Size:	2289 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200421).
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_002971.2</a>
RefSeq Size:	5556 bp
RefSeq ORF:	2292 bp
Locus ID:	6304
UniProt ID:	<a href="#">Q01826</a>
Cytogenetics:	3p24.3
Domains:	homeobox, CUT
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 86 kDa

**Gene Summary:** This gene encodes a matrix protein which binds nuclear matrix and scaffold-associating DNAs through a unique nuclear architecture. The protein recruits chromatin-remodeling factors in order to regulate chromatin structure and gene expression. [provided by RefSeq, Apr 2016]