

Product datasheet for **RC230467L4V**

SATB2 (NM_001172517) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SATB2 (NM_001172517) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SATB2
Synonyms:	GLSS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001172517
ORF Size:	2199 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230467).
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.
RefSeq:	NM_001172517.1 , NP_001165988.1
RefSeq Size:	5326 bp
RefSeq ORF:	2202 bp
Locus ID:	23314
UniProt ID:	Q9UPW6
Cytogenetics:	2q33.1
Protein Families:	Transcription Factors
MW:	82.6 kDa



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Gene Summary:

This gene encodes a DNA binding protein that specifically binds nuclear matrix attachment regions. The encoded protein is involved in transcription regulation and chromatin remodeling. Defects in this gene are associated with isolated cleft palate and cognitive disability. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Feb 2010]