

Product datasheet for **RC230466L4V**

SATB2 (NM_001172509) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SATB2 (NM_001172509) 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_001172509 |
| ORF Size: | 2199 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230466). |
| 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_001172509.1 |
| RefSeq Size: | 5730 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]