

## Product datasheet for **RC218236L4V**

### SOX1 (NM\_005986) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SOX1 (NM_005986) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SOX1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005986
ORF Size:	1173 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218236).
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_005986.2</a>
RefSeq Size:	4108 bp
RefSeq ORF:	1176 bp
Locus ID:	6656
UniProt ID:	<a href="#">O00570</a>
Cytogenetics:	13q34
Protein Families:	Adult stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transmembrane
MW:	38.8 kDa



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**Gene Summary:**

This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. [provided by RefSeq, Jul 2008]