

## Product datasheet for **RC210985L4V**

### VAX1 (NM\_199131) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	VAX1 (NM_199131) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VAX1
Synonyms:	MCOPS11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199131
ORF Size:	558 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210985).
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_199131.1</a>
RefSeq Size:	4494 bp
RefSeq ORF:	561 bp
Locus ID:	11023
UniProt ID:	<a href="#">Q5SQQ9</a>
Cytogenetics:	10q25.3
Protein Families:	Transcription Factors
MW:	21 kDa



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**Gene Summary:**

This gene encodes a homeo-domain containing protein from a class of homeobox transcription factors which are conserved in vertebrates. Genes of this family are involved in the regulation of body development and morphogenesis. The most conserved genes, called HOX genes are found in special gene clusters. This gene belongs to the VAX subfamily and lies in the vicinity of the EMX homeobox gene family. Another member of VAX family is located on chromosome 2. The encoded protein may play an important role in the development of anterior ventral forebrain and visual system. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]