

Product datasheet for **MR222145L4V**

Vax1 (NM_009501) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vax1 (NM_009501) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vax1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009501
ORF Size:	1014 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222145).
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_009501.1
RefSeq Size:	1017 bp
RefSeq ORF:	1017 bp
Locus ID:	22326
UniProt ID:	Q2NKI2
Cytogenetics:	19 54.61 cM



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Gene Summary:

This gene encodes a member of the EMX homeobox protein family. The encoded protein functions as a transcription factor which is important in the development of anterior ventral forebrain and visual system. Disruption of this gene causes impairment in the developing forebrain, where the encoded protein is necessary for axon guidance and major tract formation. [provided by RefSeq, Dec 2015]