

Product datasheet for **MR205145L4V**

Pax9 (NM_011041) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pax9 (NM_011041) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pax9
Synonyms:	Pax; Pax-9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011041
ORF Size:	1029 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205145).
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_011041.2
RefSeq Size:	2574 bp
RefSeq ORF:	1029 bp
Locus ID:	18511
UniProt ID:	P47242
Cytogenetics:	12 24.53 cM



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Gene Summary:

This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3. [provided by RefSeq, Sep 2015]