

## Product datasheet for **MR222492L4V**

### Wnt3 (NM\_009521) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Wnt3 (NM_009521) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Wnt3
Synonyms:	Int-4; Wnt-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009521
ORF Size:	1065 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222492).
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_009521.2</a> , <a href="#">NP_033547.1</a>
RefSeq Size:	3115 bp
RefSeq ORF:	1068 bp
Locus ID:	22415
UniProt ID:	<a href="#">P17553</a>
Cytogenetics:	11 67.5 cM



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**Gene Summary:**

Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (By similarity). Required for normal gastrulation, formation of the primitive streak, and for the formation of the mesoderm during early embryogenesis (PubMed:10431240). Required for normal formation of the apical ectodermal ridge and for normal embryonic limb development (PubMed:12569130).[UniProtKB/Swiss-Prot Function]