

Product datasheet for **MR227165L4V**

Wnt3a (NM_009522) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Wnt3a (NM_009522) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Wnt3a
Synonyms:	vt; Wnt-3a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009522
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227165).
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_009522.2 , NP_033548.1
RefSeq Size:	2791 bp
RefSeq ORF:	1059 bp
Locus ID:	22416
UniProt ID:	P27467
Cytogenetics:	11 37.17 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 (PubMed:26902720). Required for normal embryonic mesoderm development and formation of caudal somites (PubMed:8299937). Required for normal morphogenesis of the developing neural tube (PubMed:8299937). Mediates self-renewal of the stem cells at the bottom of intestinal crypts (in vitro) (PubMed:26902720). [UniProtKB/Swiss-Prot Function]