

Product datasheet for **MR226680L4V**

Wnt7b (NM_009528) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Wnt7b (NM_009528) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Wnt7b
Synonyms:	Wnt-7b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009528
ORF Size:	1047 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226680).
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_009528.3 , NP_033554.3
RefSeq Size:	3389 bp
RefSeq ORF:	1050 bp
Locus ID:	22422
UniProt ID:	P28047
Cytogenetics:	15 40.39 cM



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Gene Summary:

Ligand for members of the frizzled family of seven transmembrane receptors that functions in the canonical Wnt/beta-catenin signaling pathway (PubMed:15923619, PubMed:28803732). Required for normal fusion of the chorion and the allantois during placenta development (PubMed:11543617). Required for central nervous system (CNS) angiogenesis and blood-brain barrier regulation (PubMed:28803732).[UniProtKB/Swiss-Prot Function]