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Product datasheet for RC212746L2V

WNT9B (NM_003396) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WNT9B (NM_003396) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WNT9B
Synonyms:	WNT14B; WNT15
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003396
ORF Size:	1071 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212746).
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_003396.1
RefSeq Size:	1464 bp
RefSeq ORF:	1074 bp
Locus ID:	7484
UniProt ID:	O14905
Cytogenetics:	17q21.32
Protein Families:	Secreted Protein, Transmembrane

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Protein Pathways:	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway
MW:	38.97 kDa
Gene Summary:	The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]