

## Product datasheet for **RC211282L1V**

### WNT9A (NM\_003395) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	WNT9A (NM_003395) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WNT9A
Synonyms:	WNT14
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003395
ORF Size:	1095 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211282).
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_003395.1</a> , <a href="#">NP_003386.1</a>
RefSeq Size:	1631 bp
RefSeq ORF:	1098 bp
Locus ID:	7483
UniProt ID:	<a href="#">O14904</a>
Cytogenetics:	1q42.13
Domains:	wnt
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:** 40.1 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. It is expressed in gastric cancer cell lines. The protein encoded by this gene shows 75% amino acid identity to chicken Wnt14, which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member, WNT3A, in the chromosome 1q42 region. [provided by RefSeq, Jul 2008]