

## Product datasheet for **RC212840L2V**

### **WNT10B (NM\_003394) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	WNT10B (NM_003394) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WNT10B
Synonyms:	SHFM6; STHAG8; WNT-12
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003394
ORF Size:	1167 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212840).
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_003394.2</a>
RefSeq Size:	2288 bp
RefSeq ORF:	1170 bp
Locus ID:	7480
UniProt ID:	<a href="#">O00744</a>
Cytogenetics:	12q13.12
Domains:	wnt
Protein Families:	Druggable Genome, Secreted Protein



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<b>Protein Pathways:</b>	Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway
<b>MW:</b>	43 kDa
<b>Gene Summary:</b>	The WNT gene family consists of structurally related genes which 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 may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region. [provided by RefSeq, Jul 2008]