

## Product datasheet for **RC204798L4V**

### **C8orf4 (TCIM) (NM\_020130) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C8orf4 (TCIM) (NM_020130) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TCIM
Synonyms:	C8orf4; TC-1; TC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020130
ORF Size:	318 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204798).
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_020130.2</a>
RefSeq Size:	1841 bp
RefSeq ORF:	321 bp
Locus ID:	56892
UniProt ID:	<a href="#">Q9NR00</a>
Cytogenetics:	8p11.21
MW:	12.4 kDa



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**Gene Summary:**

This gene encodes a small, monomeric, predominantly unstructured protein that functions as a positive regulator of the Wnt/beta-catenin signaling pathway. This protein interacts with a repressor of beta-catenin mediated transcription at nuclear speckles. It is thought to competitively block interactions of the repressor with beta-catenin, resulting in up-regulation of beta-catenin target genes. The encoded protein may also play a role in the NF-kappaB and ERK1/2 signaling pathways. Expression of this gene may play a role in the proliferation of several types of cancer including thyroid cancer, breast cancer and hematological malignancies. [provided by RefSeq, Nov 2011]