

## Product datasheet for **RC221447L4V**

### TIGIT (NM\_173799) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TIGIT (NM_173799) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TIGIT
Synonyms:	VSIG9; VSTM3; WUCAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173799
ORF Size:	732 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221447).
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_173799.2</a>
RefSeq Size:	2978 bp
RefSeq ORF:	735 bp
Locus ID:	201633
UniProt ID:	<a href="#">Q495A1</a>
Cytogenetics:	3q13.31
Protein Families:	Transmembrane
MW:	26.3 kDa



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**Gene Summary:**

This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.[provided by RefSeq, Sep 2009]