

## Product datasheet for **RC217522L4V**

### TRIF (TICAM1) (NM\_182919) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TRIF (TICAM1) (NM_182919) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRIF
Synonyms:	IIAE6; MyD88-3; PRVTIRB; TICAM-1; TRIF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182919
ORF Size:	2136 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217522).
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_182919.1</a>
RefSeq Size:	2460 bp
RefSeq ORF:	2139 bp
Locus ID:	148022
UniProt ID:	<a href="#">Q8IUC6</a>
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome
Protein Pathways:	Toll-like receptor signaling pathway



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**MW:** 76.2 kDa

**Gene Summary:** This gene encodes an adaptor protein containing a Toll/interleukin-1 receptor (TIR) homology domain, which is an intracellular signaling domain that mediates protein-protein interactions between the Toll-like receptors (TLRs) and signal-transduction components. This protein is involved in native immunity against invading pathogens. It specifically interacts with toll-like receptor 3, but not with other TLRs, and this association mediates dsRNA induction of interferon-beta through activation of nuclear factor kappa-B, during an antiviral immune response. Mutations in this gene are associated with encephalopathy, acute, infection-induced. [provided by RefSeq, Jul 2020]