

Product datasheet for **RC228121L4V**

TICAM2 (TMED7-TICAM2) (NM_001164469) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TICAM2 (TMED7-TICAM2) (NM_001164469) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TICAM2
Synonyms:	MyD88-4; TICAM-2; TICAM2; TIRAP3; TIRP; TRAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164469
ORF Size:	564 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228121).
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. More info
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:	NM_001164469.1 , NP_001157941.1
RefSeq ORF:	567 bp
Locus ID:	100302736
UniProt ID:	Q86XR7
Cytogenetics:	5q22.3
MW:	21.1 kDa



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Gene Summary:

This locus represents naturally occurring read-through transcription between the neighboring transmembrane emp24 protein transport domain containing 7 (TMED7) and toll-like receptor adaptor molecule 2 (TICAM2) genes. Alternative splicing results in multiple transcript variants, one of which encodes a fusion protein that shares sequence identity with the products of each individual gene. This fusion product functions to negatively regulate the adaptor MyD88-independent toll-like receptor 4 pathway. [provided by RefSeq, Nov 2010]