

Product datasheet for **RC229814L3V**

TMIGD2 (NM_001169126) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMIGD2 (NM_001169126) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMIGD2
Synonyms:	CD28H; IGPR-1; IGPR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001169126
ORF Size:	834 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229814).
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_001169126.1 , NP_001162597.1
RefSeq ORF:	837 bp
Locus ID:	126259
UniProt ID:	Q96BF3
Cytogenetics:	19p13.3
Protein Families:	Transmembrane
MW:	30.8 kDa


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Gene Summary:

Plays a role in cell-cell interaction, cell migration, and angiogenesis. Through interaction with HHLA2, costimulates T-cells in the context of TCR-mediated activation. Enhances T-cell proliferation and cytokine production via an AKT-dependent signaling cascade.
[UniProtKB/Swiss-Prot Function]