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Product datasheet for RC209759L3V

TANK (NM_004180) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TANK (NM_004180) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TANK
Synonyms:	I-TRAF; ITRAF; TRAF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004180
ORF Size:	1275 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209759).
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_004180.2
RefSeq Size:	2089 bp
RefSeq ORF:	1278 bp
Locus ID:	10010
UniProt ID:	Q92844
Cytogenetics:	2q24.2
Protein Families:	Druggable Genome
Protein Pathways:	RIG-I-like receptor signaling pathway

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MW: 47.8 kDa

Gene Summary: The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. The protein encoded by this gene is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, the protein encoded by this gene can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]