

## Product datasheet for **RC224991L4V**

### **TOR2A (NM\_001134431) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TOR2A (NM_001134431) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOR2A
Synonyms:	TORP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134431
ORF Size:	216 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224991).
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_001134431.2</a>
RefSeq Size:	2300 bp
RefSeq ORF:	219 bp
Locus ID:	27433
UniProt ID:	<a href="#">Q5JU69</a>
Cytogenetics:	9q34.11
Protein Families:	Secreted Protein, Transmembrane
MW:	7.7 kDa



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**Gene Summary:**

This gene encodes a member of the AAA family of adenosine triphosphatases with similarity to Clp proteases and heat shock proteins. Alternative splicing at this locus results in the translation of multiple isoforms of the encoded protein, some of which contain salusin peptides in the C-terminal region. These peptides may play roles in hypotension, myocardial growth and the induction of mitogenesis, and may also be involved in the pathogenesis of atherosclerosis. The antimicrobial peptide salusin-beta has antibacterial activity. [provided by RefSeq, Nov 2014]