

Product datasheet for **RC227015L4V**

TPCN1 (NM_001143819) Human Tagged ORF Clone Lentiviral Particle

Product data:

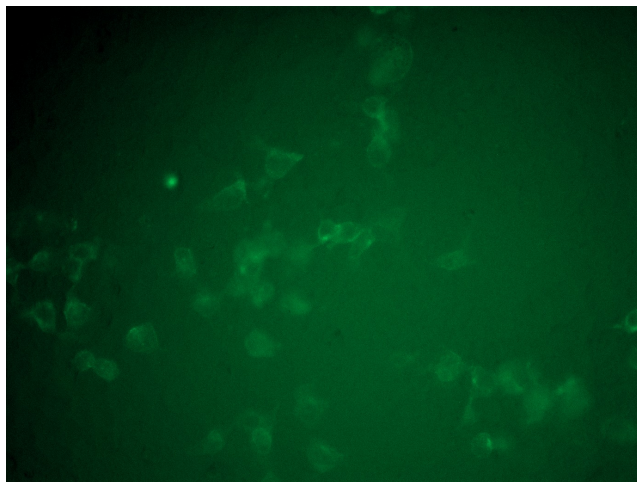
Product Type:	Lentiviral Particles
Product Name:	TPCN1 (NM_001143819) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TPCN1
Synonyms:	TPC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143819
ORF Size:	2664 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227015).
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_001143819.1
RefSeq ORF:	2667 bp
Locus ID:	53373
UniProt ID:	Q9ULQ1
Cytogenetics:	12q24.13
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	101.6 kDa



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Gene Summary: Voltage-gated Ca²⁺ and Na⁺ channels have 4 homologous domains, each containing 6 transmembrane segments, S1 to S6. TPCN1 is similar to these channels, but it has only 2 domains containing S1 to S6 (Ishibashi et al., 2000 [PubMed 10753632]).[supplied by OMIM, Mar 2008]

Product images:



[RC227015L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC227015L4V particle to overexpress human TPCN1-mGFP fusion protein.