

Product datasheet for **RC213190L3V**

TPCN1 (NM_017901) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TPCN1 (NM_017901) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TPCN1
Synonyms:	TPC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017901
ORF Size:	2448 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213190).
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_017901.4
RefSeq Size:	5396 bp
RefSeq ORF:	2451 bp
Locus ID:	53373
UniProt ID:	Q9ULQ1
Cytogenetics:	12q24.13
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	94.1 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]