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Product datasheet for RC219271L3V

TOM1L2 (NM_001082968) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TOM1L2 (NM_001082968) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOM1L2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001082968
ORF Size:	1521 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219271).
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_001082968.1
RefSeq Size:	5825 bp
RefSeq ORF:	1524 bp
Locus ID:	146691
UniProt ID:	Q6ZVM7
Cytogenetics:	17p11.2
MW:	55.4 kDa

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Gene Summary: This gene belongs to a small gene family whose members have an N-terminal VHS domain followed by a GAT domain; domains which typically participate in vesicular trafficking. The canonical protein encoded by this gene also has a C-terminal clathrin binding motif. This protein has been shown to interact with Tollip, clathrin and ubiquitin and is thought to play a role in endosomal sorting. This gene resides in the 3.7 Mb deletion of chromosome region 17p11.2 that is associated with Smith-Magenis syndrome. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Apr 2017]