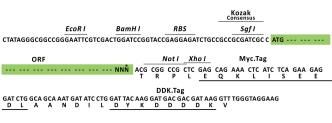


Product datasheet for RC227126L3

TOM1 (NM_001135729) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: TOM1 (NM_001135729) Human Tagged Lenti ORF Clone Tag: Myc-DDK Symbol: TOM1 Mammalian Cell Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) E. coli Selection: Chloramphenicol (34 ug/mL) **ORF** Nucleotide The ORF insert of this clone is exactly the same as(RC227126). Sequence: **Restriction Sites:** Sgfl-Notl **Cloning Scheme:** Cloning sites used for ORF Shuttling: Saf I ORF Not I -- GCG ATC GCC ATG --- // --- NNN AC G CGG CCG C TC --



 $\ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM_001135729 1482 bp



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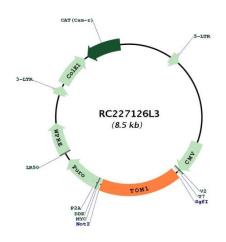
OriGene Technologies, Inc.

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CRIGENE TOM1 (NM_001135729) Human Tagged Lenti ORF Clone – RC227126L3	
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM 001135729.1, NP 001129201.1
RefSeq Size:	2326 bp
RefSeq ORF:	1383 bp
Locus ID:	10043
UniProt ID:	<u>O60784</u>
Cytogenetics:	22q12.3
Protein Families:	Druggable Genome
MW:	53.9 kDa
Gene Summary:	This gene was identified as a target of the v-myb oncogene. The encoded protein shares its N- terminal domain in common with proteins associated with vesicular trafficking at the endosome. It is recruited to the endosomes by its interaction with endofin. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

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Product images:



Circular map for RC227126L3

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