

## Product datasheet for **RC208524L3V**

### **TOM1 (NM\_005488) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

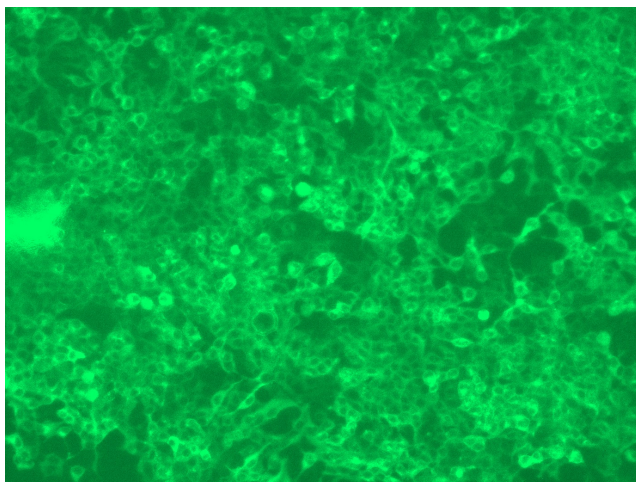
Product Type:	Lentiviral Particles
Product Name:	TOM1 (NM_005488) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOM1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005488
ORF Size:	1479 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208524).
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_005488.1</a>
RefSeq Size:	2396 bp
RefSeq ORF:	1479 bp
Locus ID:	10043
UniProt ID:	<a href="#">O60784</a>
Cytogenetics:	22q12.3
Domains:	VHS, GAT
Protein Families:	Druggable Genome
MW:	53.9 kDa



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**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]

**Product images:**

[RC208524L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC208524L3V particle to overexpress human TOM1-Myc-DDK fusion protein.