

Product datasheet for **RC225542L4V**

TOMM40 (NM_001128916) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TOMM40 (NM_001128916) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOMM40
Synonyms:	C19orf1; D19S1177E; PER-EC1; PEREC1; TOM40
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001128916
ORF Size:	1083 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225542).
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_001128916.1 , NP_001122388.1
RefSeq ORF:	1086 bp
Locus ID:	10452
UniProt ID:	O96008
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, Ion Channels: Other
Protein Pathways:	Amyotrophic lateral sclerosis (ALS)
MW:	37.7 kDa



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Gene Summary:

The protein encoded by this gene is localized in the outer membrane of the mitochondria. It is the channel-forming subunit of the translocase of the mitochondrial outer membrane (TOM) complex that is essential for import of protein precursors into mitochondria. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2015]