

Product datasheet for **RC210746L4V**

TOMM20 (NM_014765) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TOMM20 (NM_014765) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOMM20
Synonyms:	MAS20; MOM19; TOM20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014765
ORF Size:	435 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210746).
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_014765.1
RefSeq Size:	3407 bp
RefSeq ORF:	438 bp
Locus ID:	9804
UniProt ID:	Q15388
Cytogenetics:	1q42.3
Domains:	MAS20
Protein Families:	Druggable Genome, Transmembrane



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MW: 16.3 kDa

Gene Summary: Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore (By similarity). Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.[UniProtKB/Swiss-Prot Function]