

Product datasheet for **RR200855L4V**

Tomm22 (NM_212514) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tomm22 (NM_212514) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Tomm22
Synonyms:	rTOM22; TOM22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_212514
ORF Size:	426 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200855).
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_212514.2 , NP_997679.1
RefSeq Size:	1056 bp
RefSeq ORF:	429 bp
Locus ID:	300075
UniProt ID:	Q75Q41
Cytogenetics:	7q34



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Gene Summary:

Central receptor component of the translocase of the outer membrane of mitochondria (TOM complex) responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with the peripheral receptor TOM20 functions as the transit peptide receptor and facilitates the movement of preproteins into the translocation pore (By similarity). Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases (PubMed:19401463).[UniProtKB/Swiss-Prot Function]