

## Product datasheet for **RC200858L4V**

### TIMM22 (NM\_013337) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TIMM22 (NM_013337) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TIMM22
Synonyms:	COXPD43; TEX4; TIM22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013337
ORF Size:	582 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200858).
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_013337.2</a>
RefSeq Size:	1691 bp
RefSeq ORF:	585 bp
Locus ID:	29928
UniProt ID:	<a href="#">Q9Y584</a>
Cytogenetics:	17p13.3
Domains:	Tim17
Protein Families:	Transmembrane



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**MW:** 20 kDa

**Gene Summary:** Multipass transmembrane proteins are brought into mitochondria and inserted into the mitochondrial inner membrane by way of the TIM22 complex. This complex has six subunits and is a twin-pore translocase. The protein encoded by this gene is a subunit of TIM22 and represents the voltage-activated and signal-gated channel. [provided by RefSeq, Jul 2016]