

Product datasheet for **RC203323L4V**

TGN46 (TGOLN2) (NM_006464) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	TGN46
Synonyms:	hTGN46; hTGN48; hTGN51; TGN38; TGN46; TGN48; TGN51; TTGN2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006464
ORF Size:	1311 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC203323).

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_006464.2
RefSeq Size:	6373 bp
RefSeq ORF:	1314 bp
Locus ID:	10618
UniProt ID:	O43493
Cytogenetics:	2p11.2



Protein Families: Transmembrane

MW: 45.9 kDa

Gene Summary: This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]