

Product datasheet for **RC205624L4V**

TMEM59 (NM_004872) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMEM59 (NM_004872) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM59
Synonyms:	C1orf8; DCF1; HSPC001; PRO195; UNQ169
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004872
ORF Size:	972 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205624).
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_004872.3
RefSeq Size:	1709 bp
RefSeq ORF:	972 bp
Locus ID:	9528
UniProt ID:	Q9BXS4
Cytogenetics:	1p32.3
Protein Families:	Transmembrane
MW:	36.3 kDa



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Gene Summary:

This gene encodes a protein shown to regulate autophagy in response to bacterial infection. This protein may also regulate the retention of amyloid precursor protein (APP) in the Golgi apparatus through its control of APP glycosylation. Overexpression of this protein has been found to promote apoptosis in a glioma cell line. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]