

Product datasheet for **RC205624L1V**

TMEM59 (NM_004872) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| 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: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| 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]