

Product datasheet for **RC218395L3V**

CMTM7 (NM_181472) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CMTM7 (NM_181472) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CMTM7 |
| Synonyms: | CKLFSF7 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_181472 |
| ORF Size: | 426 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218395). |
| 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_181472.1 |
| RefSeq Size: | 1270 bp |
| RefSeq ORF: | 429 bp |
| Locus ID: | 112616 |
| UniProt ID: | Q96FZ5 |
| Cytogenetics: | 3p22.3 |
| Protein Families: | Transmembrane |
| MW: | 15.3 kDa |



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Gene Summary:

This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and transmembrane 4 superfamilies. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 3. This gene acts as a tumor suppressor that regulates G1/S transition in the cell cycle, and epidermal growth factor receptor/protein kinase B signaling during tumor pathogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]