

Product datasheet for RC204059L3

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CMTM7 (NM_138410) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CMTM7 (NM_138410) Human Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:CMTM7

Synonyms: CKLFSF7

Mammalian Cell Selection: Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC204059).

Sequence:

The one insert of this cione is exactly the same as(noto 1005).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_138410

ORF Size: 525 bp





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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 138410.2</u>

 RefSeq Size:
 1369 bp

 RefSeq ORF:
 528 bp

 Locus ID:
 112616

 UniProt ID:
 Q96FZ5

 Cytogenetics:
 3p22.3

Protein Families: Transmembrane

MW: 18.8 kDa

Gene Summary: This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar

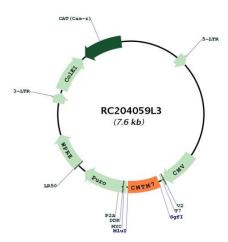
to the chemokine and transmembrane 4 superfamilies. This gene is one of several

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]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Product images:



Circular map for RC204059L3