

Product datasheet for RC217140L4V

OriGene Technologies, Inc.

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TMEM70 (NM_001040613) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: TMEM70 (NM_001040613) Human Tagged ORF Clone Lentiviral Particle

Symbol: TMEM70
Synonyms: MC5DN2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_001040613

ORF Size: 321 bp

ORF Nucleotide

TI ODE :

Sequence:

The ORF insert of this clone is exactly the same as(RC217140).

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: <u>NM 001040613.1</u>

 RefSeq Size:
 2044 bp

 RefSeq ORF:
 324 bp

 Locus ID:
 54968

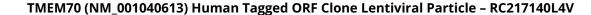
 UniProt ID:
 Q9BUB7

 Cytogenetics:
 8q21.11

Protein Families: Transmembrane

MW: 11.1 kDa







Gene Summary:

This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]