

Product datasheet for **RC217140L4V**

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 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:	NM_001040613.1
RefSeq Size:	2044 bp
RefSeq ORF:	324 bp
Locus ID:	54968
UniProt ID:	Q9BUB7
Cytogenetics:	8q21.11
Protein Families:	Transmembrane
MW:	11.1 kDa



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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]