

## Product datasheet for **RC211271L4V**

### TTC19 (NM\_017775) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TTC19 (NM_017775) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TTC19
Synonyms:	2010204O13Rik; MC3DN2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017775
ORF Size:	1503 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211271).
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. <a href="#">More info</a>
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:	<a href="#">NM_017775.2</a> , <a href="#">NP_060245.2</a>
RefSeq Size:	2784 bp
RefSeq ORF:	1143 bp
Locus ID:	54902
UniProt ID:	<a href="#">Q6DKK2</a>
Cytogenetics:	17p12
Domains:	TPR
MW:	55.6 kDa



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**Gene Summary:**

This gene encodes a protein with a tetratricopeptide repeat (TPR) domain containing several TPRs of about 34 aa each. These repeats are found in a variety of organisms including bacteria, fungi and plants, and are involved in a variety of functions including protein-protein interactions. This protein is embedded in the inner mitochondrial membrane and is involved in the formation of the mitochondrial respiratory chain III. It has also been suggested that this protein plays a role in cytokinesis. Mutations in this gene cause mitochondrial complex III deficiency. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2012]