

Product datasheet for **MR203543L4V**

Ttc19 (BC037111) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ttc19 (BC037111) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ttc19
Synonyms:	2010204O13Rik; 2810460C24Rik; AI505442
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC037111
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203543).
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:	BC037111.1
RefSeq Size:	2548 bp
RefSeq ORF:	803 bp
Locus ID:	72795
Cytogenetics:	11 B2


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Gene Summary:

Required for the preservation of the structural and functional integrity of mitochondrial respiratory complex III by allowing the physiological turnover of the Rieske protein UQCRCF1 (PubMed:21278747, PubMed:28673544). Involved in the clearance of UQCRCF1 N-terminal fragments, which are produced upon incorporation into the complex III and whose presence is detrimental for its catalytic activity (PubMed:28673544).[UniProtKB/Swiss-Prot Function]