

## Product datasheet for **RR205030L3V**

### Fis1 (NM\_001105919) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Fis1 (NM_001105919) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Fis1
Synonyms:	Ttc11
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001105919
ORF Size:	435 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR205030).
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_001105919.1</a> , <a href="#">NP_001099389.1</a>
RefSeq Size:	948 bp
RefSeq ORF:	438 bp
Locus ID:	288584
UniProt ID:	<a href="#">P84817</a>
Cytogenetics:	12q12



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**Gene Summary:**

Involved in the fragmentation of the mitochondrial network and its perinuclear clustering. Plays a minor role in the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface and mitochondrial fission. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission (By similarity).[UniProtKB/Swiss-Prot Function]