

Product datasheet for **RC206669L2V**

Mitochondrial Ferritin (FTMT) (NM_177478) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mitochondrial Ferritin (FTMT) (NM_177478) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mitochondrial Ferritin
Synonyms:	MTF
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_177478
ORF Size:	726 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206669).
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_177478.1
RefSeq Size:	894 bp
RefSeq ORF:	729 bp
Locus ID:	94033
UniProt ID:	Q8N4E7
Cytogenetics:	5q23.1
Protein Pathways:	Porphyrin and chlorophyll metabolism
MW:	27.5 kDa



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Gene Summary:

Stores iron in a soluble, non-toxic, readily available form. Important for iron homeostasis. Has ferroxidase activity. Iron is taken up in the ferrous form and deposited as ferric hydroxides after oxidation.[UniProtKB/Swiss-Prot Function]