

## Product datasheet for **RC206669L3V**

### 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: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| 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. <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_177478.1</a>  |
| RefSeq Size:              | 894 bp   |
| RefSeq ORF:               | 729 bp   |
| Locus ID:                 | 94033  |
| UniProt ID:               | <a href="#">Q8N4E7</a>   |
| 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]