

Product datasheet for **RC204058L3V**

TUFM (NM_003321) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | TUFM (NM_003321) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | TUFM |
| Synonyms: | COXPD4; EF-TuMT; EFTU; P43 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_003321 |
| ORF Size: | 1365 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC204058). |
| 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_003321.4 |
| RefSeq Size: | 2089 bp |
| RefSeq ORF: | 1368 bp |
| Locus ID: | 7284 |
| UniProt ID: | P49411 |
| Cytogenetics: | 16p11.2 |
| Domains: | GTP_EFTU, GTP_EFTU_D3, GTP_EFTU_D2 |
| MW: | 49.9 kDa |


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Gene Summary:

This gene encodes a protein which participates in protein translation in mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency resulting in lactic acidosis and fatal encephalopathy. A pseudogene has been identified on chromosome 17. [provided by RefSeq, Jul 2008]