

Product datasheet for **RC204058L4V**

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-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
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]