

Product datasheet for **RC201030L4V**

MTERFD1 (MTERF3) (NM_015942) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MTERFD1 (MTERF3) (NM_015942) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTERFD1
Synonyms:	CGI-12; MTERFD1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015942
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201030).
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_015942.3
RefSeq Size:	1424 bp
RefSeq ORF:	1254 bp
Locus ID:	51001
UniProt ID:	Q96E29
Cytogenetics:	8q22.1
Domains:	Mterf
MW:	47.8 kDa


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Gene Summary:

Binds promoter DNA and regulates initiation of transcription (PubMed:17662942). Required for normal mitochondrial transcription and translation, and for normal assembly of mitochondrial respiratory complexes. Required for normal mitochondrial function (By similarity). Maintains 16S rRNA levels and functions in mitochondrial ribosome assembly by regulating the biogenesis of the 39S ribosomal subunit (By similarity).[UniProtKB/Swiss-Prot Function]