

## Product datasheet for **RC211041L3V**

### **MTERF (MTERF1) (NM\_006980) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MTERF (MTERF1) (NM_006980) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTERF
Synonyms:	MTERF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006980
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211041).
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_006980.3</a>
RefSeq Size:	2027 bp
RefSeq ORF:	1200 bp
Locus ID:	7978
UniProt ID:	<a href="#">Q99551</a>
Cytogenetics:	7q21.2
Domains:	Mterf
Protein Families:	Transcription Factors



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**MW:** 45.8 kDa

**Gene Summary:** This gene encodes a mitochondrial transcription termination factor. This protein participates in attenuating transcription from the mitochondrial genome; this attenuation allows higher levels of expression of 16S ribosomal RNA relative to the tRNA gene downstream. The product of this gene has three leucine zipper motifs bracketed by two basic domains that are all required for DNA binding. There is evidence that, for this protein, the zippers participate in intramolecular interactions that establish the three-dimensional structure required for DNA binding. [provided by RefSeq, Jul 2008]