

## Product datasheet for **RC204861L1V**

### MTF1 (NM\_005955) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MTF1 (NM_005955) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTF1
Synonyms:	MTF-1; ZRF
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005955
ORF Size:	2259 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204861).
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_005955.2</a>
RefSeq Size:	7986 bp
RefSeq ORF:	2262 bp
Locus ID:	4520
UniProt ID:	<a href="#">Q14872</a>
Cytogenetics:	1p34.3
Domains:	zf-C2H2
Protein Families:	Transcription Factors



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**MW:** 81 kDa

**Gene Summary:** This gene encodes a transcription factor that induces expression of metallothioneins and other genes involved in metal homeostasis in response to heavy metals such as cadmium, zinc, copper, and silver. The protein is a nucleocytoplasmic shuttling protein that accumulates in the nucleus upon heavy metal exposure and binds to promoters containing a metal-responsive element (MRE). [provided by RefSeq, Jul 2008]