

Product datasheet for **RC227926L4V**

MTFR1 (NM_001145838) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MTFR1 (NM_001145838) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTFR1
Synonyms:	CHPPR; FAM54A2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145838
ORF Size:	900 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227926).
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_001145838.1 , NP_001139310.1
RefSeq ORF:	903 bp
Locus ID:	9650
UniProt ID:	Q15390
Cytogenetics:	8q13.1
MW:	33 kDa


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Gene Summary:

This gene encodes a mitochondrial protein that is characterized by a poly-proline rich region. A chicken homolog of this protein promotes mitochondrial fission and the mouse homolog protects cells from oxidative stress. A related pseudogene of this gene is found on chromosome X. [provided by RefSeq, Mar 2009]