

Product datasheet for RC227926L4

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

MTFR1 (NM_001145838) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MTFR1 (NM 001145838) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: MTFR1

Synonyms: CHPPR; FAM54A2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC227926).

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001145838

ORF Size: 900 bp





MTFR1 (NM_001145838) Human Tagged Lenti ORF Clone - RC227926L4

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001145838.1</u>, <u>NP 001139310.1</u>

 RefSeq ORF:
 903 bp

 Locus ID:
 9650

 UniProt ID:
 Q15390

Cytogenetics: 8q13.1 MW: 33 kDa

Gene Summary: This gene encodes a mitochondrial protein that is characterized by a poly-proline rich region.

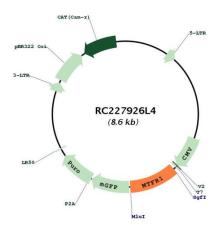
A chicken homolog of this protein promotes mitochondrial fission and the mouse homolog

protects cells from oxidative stress. A related pseudogene of this gene is found on

chromosome X. [provided by RefSeq, Mar 2009]



Product images:



Circular map for RC227926L4