

Product datasheet for RC229688L3

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

MRRF (NM 001173512) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MRRF (NM_001173512) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: MRRF

Symbol: MRRF

Synonyms: MRFF; MTRRF; RRF

Mammalian Cell

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Puromycin

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

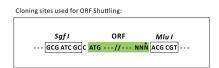
ORF Nucleotide

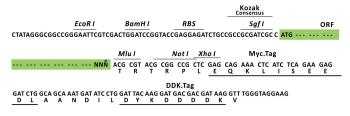
The ORF insert of this clone is exactly the same as(RC229688).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001173512

ORF Size: 630 bp





MRRF (NM_001173512) Human Tagged Lenti ORF Clone - RC229688L3

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 001173512.1</u>

 RefSeq ORF:
 633 bp

 Locus ID:
 92399

 UniProt ID:
 Q96E11

 Cytogenetics:
 9q33.2

Protein Families: Transmembrane

MW: 24 kDa

Gene Summary: This gene encodes a ribosome recycling factor, which is a component of the mitochondrial

translational machinery. The encoded protein, along with mitochondrial elongation factor 2, functions in ribosomal recycling at the termination of mitochondrial translation by mediating the disassembly of ribosomes from messenger RNA. A pseudogene of this gene has been

identified on chromosome X. [provided by RefSeq, Oct 2016]