

Product datasheet for RC207440L2

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

EU: info-de@origene.com CN: techsupport@origene.cn

Rockville, MD 20850, US

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

MPND (NM_032868) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MPND (NM_032868) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: MPND

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

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

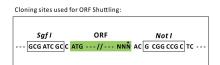
ORF Nucleotide

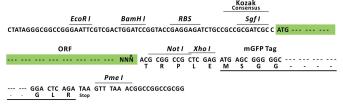
The ORF insert of this clone is exactly the same as(RC207440).

Sequence:

Restriction Sites: Sgfl-Notl

Cloning Scheme:





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

ACCN: NM_032868 **ORF Size:** 1413 bp





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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 032868.2</u>

 RefSeq Size:
 1530 bp

 RefSeq ORF:
 1416 bp

 Locus ID:
 84954

 UniProt ID:
 Q8N594

 Cytogenetics:
 19p13.3

Domains: JAB_MPN

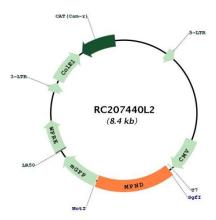
Protein Families: Druggable Genome, Transcription Factors

MW: 50.5 kDa

Gene Summary: Probable protease.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC207440L2