

Product datasheet for RC221930L3

MDM1 (NM_020128) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MDM1 (NM_020128) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: MDM1

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF in

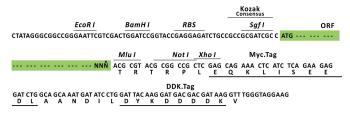
Sequence:

The ORF insert of this clone is exactly the same as(RC221930).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_020128

ORF Size: 666 bp



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MDM1 (NM_020128) Human Tagged Lenti ORF Clone - RC221930L3

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 020128.1</u>

 RefSeq Size:
 2092 bp

 RefSeq ORF:
 669 bp

 Locus ID:
 56890

 UniProt ID:
 Q8TC05

Protein Families: Druggable Genome

12q15

MW: 24.9 kDa

Cytogenetics:

Gene Summary: This gene encodes a microtubule-binding nuclear protein that localizes to the centrioles of

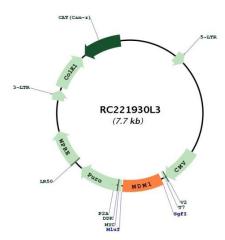
dividing cells and differentiating multiciliated cells and negatively regulates centriole

duplication. The encoded protein is closely associated with the centriole barrel, and resides in

the centriole lumen. Naturally-occurring mutations in the orthologous mouse gene are associated with age-related retinal degeneration. [provided by RefSeq, Feb 2019]



Product images:



Circular map for RC221930L3