

Product datasheet for RC203047L3

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OriGene Technologies, Inc.

MED31 (NM_016060) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MED31 (NM_016060) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: MED31

Synonyms: 3110004H13Rik; CGI-125; Soh1

Mammalian Cell Puromycin

Selection:

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

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

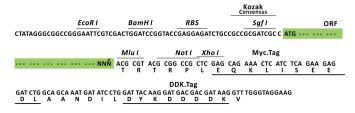
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203047).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_016060

ORF Size: 393 bp





MED31 (NM_016060) Human Tagged Lenti ORF Clone - RC203047L3

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 016060.1</u>

 RefSeq Size:
 1656 bp

 RefSeq ORF:
 396 bp

 Locus ID:
 51003

 UniProt ID:
 Q9Y3C7

 Cytogenetics:
 17p13.1

Protein Families: Transcription Factors

MW: 15.8 kDa

Gene Summary: Component of the Mediator complex, a coactivator involved in the regulated transcription of

nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. [UniProtKB/Swiss-Prot

Function]