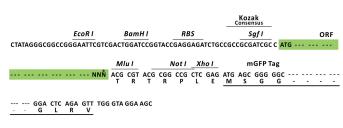


# Product datasheet for RC228358L4

## JMJD4 (NM\_001161465) Human Tagged Lenti ORF Clone

### **Product data:**

#### **Product Type: Expression Plasmids Product Name:** JMJD4 (NM\_001161465) Human Tagged Lenti ORF Clone Tag: mGFP Symbol: IMID4 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(RC228358). Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Safl Mlu I --- GCG ATC GC ATG --- // --- NNN ACG CGT ---



 $^{\ast}$  The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM\_001161465 1341 bp



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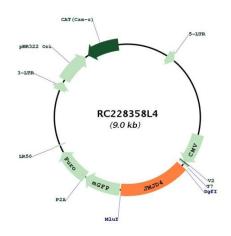
### OriGene Technologies, Inc.

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|                        | (NM_001161465) Human Tagged Lenti ORF Clone – RC228358L4   |
|------------------------|--|
| 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. <u>More info</u>                                  |
| 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: | <ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| RefSeq:                | <u>NM 001161465.1, NP 001154937.1</u>  |
| RefSeq ORF:            | 1206 bp  |
| Locus ID:              | 65094  |
| UniProt ID:            | <u>Q9H9V9</u>  |
| Cytogenetics:          | 1q42.13  |
| MW:                    | 50.3 kDa   |
| Gene Summary:          | Catalyzes the 2-oxoglutarate and iron-dependent C4-lysyl hydroxylation of ETF1 at 'Lys-63'<br>thereby promoting the translational termination efficiency of ETF1.[UniProtKB/Swiss-Prot<br>Function]  |

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## **Product images:**



Circular map for RC228358L4

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