

Product datasheet for RC225450L4

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OriGene Technologies, Inc.

JMJD7 (NM_001114632) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: JMJD7 (NM_001114632) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: JMJD7

Mammalian Cell Puromycin

Selection: Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide

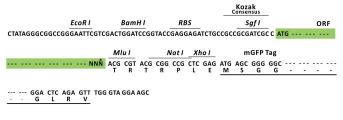
The ORF insert of this clone is exactly the same as(RC225450).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





* The last codon before the Stop codon of the ORF.

ACCN: NM_001114632

ORF Size: 948 bp

JMJD7 (NM_001114632) Human Tagged Lenti ORF Clone - RC225450L4

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: NM 001114632.1

RefSeq ORF: 951 bp

Locus ID: 100137047

UniProt ID: P0C870

Cytogenetics: 15q15.1

MW: 35.8 kDa

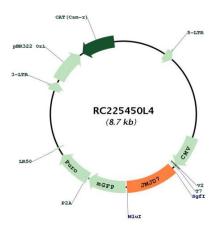
Gene Summary: This gene encodes a highly conserved protein with a JmjC domain, which are part of the cupin

metalloenzyme superfamily. JmjC proteins may function as 2-oxoglutarate-Fe(II)-dependent dioxygenases. Most tissues also express read-through transcripts from this gene into the downstream phospholipase A2, group IVB (cytosolic) gene, some of which may encode fusion proteins combining the N-terminus of this protein with the phospholipase A2, group IVB

protein. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC225450L4