

Product datasheet for **RC225450L4V**

JMJD7 (NM_001114632) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | JMJD7 (NM_001114632) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | JMJD7 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001114632 |
| ORF Size: | 948 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC225450). |
| 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. |
| RefSeq: | NM_001114632.1 |
| RefSeq ORF: | 951 bp |
| Locus ID: | 100137047 |
| UniProt ID: | P0C870 |
| Cytogenetics: | 15q15.1 |
| MW: | 35.8 kDa |


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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]