

Product datasheet for MR211747L4

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Ube4b (NM_022022) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ube4b (NM_022022) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Ube4b

Synonyms: 4930551l19Rik; 4933406G05Rik; AU014668; D4Bwg0973e; mKIAA0684; UFD2; UFD2a; Ufd2p

Mammalian Cell

Selection:

Puromycin

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

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

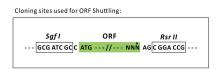
ORF Nucleotide

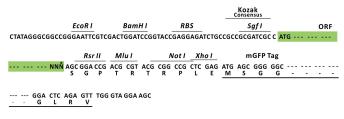
The ORF insert of this clone is exactly the same as(MR211747).

Sequence:

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





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

ACCN: NM_022022

ORF Size: 3519 bp





Ube4b (NM_022022) Mouse Tagged Lenti ORF Clone - MR211747L4

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.

4 79.08 cM

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 022022.3, NP 071305.2</u>

 RefSeq Size:
 5535 bp

 RefSeq ORF:
 3522 bp

 Locus ID:
 63958

 UniProt ID:
 Q9ES00

Cytogenetics:

Gene Summary: Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1

and E2 ligases (PubMed:11435423). May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase (By

similarity). May regulate myosin assembly in striated muscles together with STUB1 and VCP/p97 by targeting myosin chaperone UNC45B for proteasomal degradation (By similarity).

[UniProtKB/Swiss-Prot Function]