Product datasheet for MR211747L3V

Ube4b (NM_022022) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ube4b (NM_022022) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ube4b
Synonyms:	4930551I19Rik; 4933406G05Rik; AU014668; D4Bwg0973e; mKIAA0684; UFD2; UFD2a; Ufd2p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022022
ORF Size:	3519 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211747).
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_022022.3, NP_071305.2
RefSeq Size:	5535 bp
RefSeq ORF:	3522 bp
Locus ID:	63958
UniProt ID:	Q9ES00
Cytogenetics:	4 79.08 cM

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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]