

Product datasheet for MC225915

Ube2d2b (NM_001276397) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2d2b (NM_001276397) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ube2d2b
Synonyms:	1700013N18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225915 representing NM_001276397 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCTGAAGAGAATCCACAAGGAAGTGAACGACCTGGCCAGGATCCCCAGCACAGTGTTCAGCAG
 GTCCTGTGCGGGAAGATATGTTTCACTGGCAAGCTACAATCATGGGGCCAAATGATAGTCCCTATCAGGG
 CGGAGCATTTTCTTGACAATTGATTTCCCAACAGAGTACCCCTTCAAACCACTAAGGTTGAATTTACA
 ACAAGAATTTATCATCAAATGTTAACAGTAACGGCAGTATTTGTCTTGATATTCTTCGGTCACAGTGGT
 CTCCAGCACTAATTTTCAAAGTACTTTGTCCATCAGTTCTCTGTTGTGTGACCCCAATCCAGATGA
 TCCTTAGTGCCCTGAGATTGCTCAGATCTACAAAACAGATAGAGACAAGTACAACAGAACAGCTCGGGAA
 TGGACTCAGAAATATGCGATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001276397
Insert Size:	444 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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 style="list-style-type: none"> 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001276397.1, NP_001263326.1</u>
RefSeq Size:	1616 bp
RefSeq ORF:	444 bp
Locus ID:	73318
UniProt ID:	<u>Q6ZWY6</u>
Cytogenetics:	5 F
Gene Summary:	<p>Catalyzes the covalent attachment of ubiquitin to other proteins. Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and autoubiquitination of STUB1 and TRAF6. Involved in the signal-induced conjugation and subsequent degradation of NFKBIA, FBXW2-mediated GCM1 ubiquitination and degradation, MDM2-dependent degradation of p53/TP53 and the activation of MAVS in the mitochondria by DDX58/RIG-I in response to viral infection (By similarity). Plays a role in early maturation of the testis.</p> <p>[UniProtKB/Swiss-Prot Function]</p>