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Product datasheet for MC226709

Ube2j2 (NM_001039157) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2j2 (NM_001039157) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ube2j2
Synonyms:	1200007B18Rik; 2400008G19Rik; 5730472G04Rik; AL022923; NCUBE-2; Ubc6; Ubc6p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226709 representing NM_001039157 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCATCAGGCAAAAGCCCTTGATTCTGCCAGAAAGATGAGCAATAACAGCAATAAGAGAGCTCCAACAA CAGCAACACAAAGGTTGAAGCAGGACTACCTTCGAATTAAGAAAGACCCAGTGCCTTACATCTGTGCAGA GCCCCTCCCTTCAAATATTCTTGAATGGCATTATGTTGTCCGAGGCCCTGAGATGACTCCTTATGAAGGT GGCTATTATCATGGAAAACTAATTTTTCCCAGAGAATTTCCATTTAAGCCTCCTAGTATTTACATGATAA CCCCCAATGGAAGATTTAAGTGCAACACAAGGCTGTGTCTCTCCATCACAGATTTCCACCCAGATACATG GAATCCAGCGTGGTCCGTCTCCACCATTCTAACAGGGCTCCTGAGCTTTATGGTGGAGAAAGGCCCCACC CTGGGGAGCATAGAGACGTCGGACTTCACGAAAAAACAGCTGGCAGCACAGAGTCTAGTGTTTAATTTAA AAGATAAAGTCTTTTGTGAATTATTTCCTGAAGTTGTGGAGGAAATTAAACAGAAACAGAAAGCACAAGA TGAACTAAGTAACAGGCCCCAGAATCTTCCTTTGCCAGACGTGGTTCCTGATGGGGAGCTGCACCGTGGC CAGCATGGGATCCAGCTCCTCAATGGGCACGCACCCGCTGCTGGCCCCAACCTCGCTGGGCTCCCACAGG CCAACAGGCATCACGGACTCCTGGGCGGCGCGTTGGCGAACTTGTTTGTTATAGTTGGGTTTGCAGCCTT CGCCTACACGGTCAAGTACGTGCTGAGAAGCATAGCACAGGAGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001039157
Insert Size:	816 bp

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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).
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:	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_001039157.2, NP_001034246.1
RefSeq Size:	3383 bp
RefSeq ORF:	816 bp
Locus ID:	140499
UniProt ID:	Q6P073
Cytogenetics:	4 87.66 cM
Gene Summary:	Catalyzes the covalent attachment of ubiquitin to other proteins. Seems to function in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum (ERAD).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 5 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

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