

Product datasheet for **MR228659**

Ube2j2 (NM_001284314) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2j2 (NM_001284314) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ube2j2
Synonyms:	1200007B18Rik; 2400008G19Rik; 5730472G04Rik; AL022923; NCUBE-2; Ubc6; Ubc6p
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR228659 representing NM_001284314 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCAATAACAGCAATAAGAGAGCTCCAACAACAGCAACACAAAGGTTGAAGCAGGACTACCTTCGAA
TTAAGAAAGACCCAGTGCCTTACATCTGTGCAGAGCCCTCCCTTCAAATATTCTTGAATGCATTATGT
TGTCAGGAGCCCTGAGATGACTCCTTATGAAGGTGGCTATTATCATGGAAAATAATTTTCCCAGAGAA
TTTCCATTTAAGCCTCCTAGTATTTACATGATAACCCCAATGGAAGATTTAAGTGCAACACAAGGCTGT
GTCTCTCCATCACAGATTTCCACCCAGATACATGGAATCCAGCGTGGTCCGTCTCCACCATTCTAACAGG
GCTCCTGAGCTTTATGGTGGAGAAAGGCCCCACCTGGGGAGCATAGAGACGTCGGACTTCACGGAAATT
AAACAGAAACAGAAAGCACAAGATGAAGTAAGTAACAGGCCCCAGAACTTCTCCTTGGCAGACGTGGTTC
CTGATGGGGAGCTGCACCGTGGCCAGCATGGGATCCAGCTCCTCAATGGGCACGCACCCGCTGCTGGCCC
CAACCTCGCTGGGCTCCACAGGCCAACAGGCATCACGGACTCCTGGCGGCGGCTTGGCGAACTTGTTT
GTTATAGTTGGGTTTGCAGCCTTCGCCTACACGGTCAAGTACGTGCTGAGAAGCATAGCACAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR228659 representing NM_001284314
Red=Cloning site Green=Tags(s)

MSNNSNKRAPTTATQRLKQDYLRRIKKDPVPYICAEPLPSNILEWHYVVRGPEMTPYEGGYHGLIFPRE
 FPFKPPSIYMITPNGRFKCNTRLCLSIDFHPDTWNPAWSVSTILTGLLSFMVEKGPTLGSIE TSDFTEI
 KQKQKAQDEL SNRPQNLPLPDVVPDDELHRGQHGIIQLLNHAPAAGPNLAGLPQANRHHGLLGGALANLF
 VIVGFAAFAYTVKYVLRISIAQE

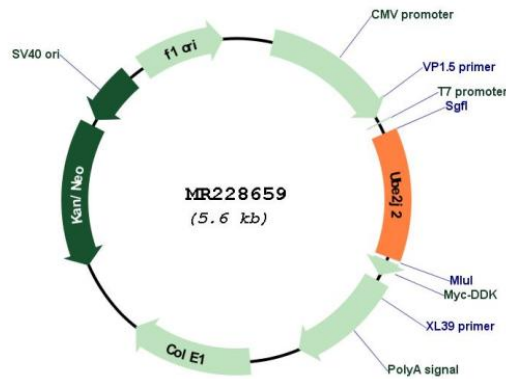
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001284314

ORF Size: 696 bp

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:	<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.
RefSeq:	NM_001284314.1 , NP_001271243.1
RefSeq Size:	3139 bp
RefSeq ORF:	699 bp
Locus ID:	140499
UniProt ID:	Q6P073
Cytogenetics:	4 87.66 cM
MW:	26.3 kDa
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]