

Product datasheet for **MG204576**

Ube2j1 (NM_019586) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2j1 (NM_019586) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ube2j1
Synonyms:	0710008M05Rik; 1110030I22Rik; Ncube; NCUBE-1; Ncube1; Ubc6p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204576 representing NM_019586 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGACCCGCTACAACCTGAAGAGCCCGCCGTTAAGCGATTGATGAAAGAAGCTGCAGAATTGAAAG
ATCCAACAGATCATTACCACGCTCAGCCTCTGGAGGATAACCTTTTTGAATGGCACTTCACAGTTAGAGG
GCCCCAGATCCGATTTTGATGGAGGAGTTTACCATGGACGCATAGTACTGCCACCAGAGTACCCATG
AAACCACCAAGCATTATCCTGCTAACAGCTAATGGACGATTTGAAGTAGCAAGAAGATCTGTTTAAAGCA
TCTCAGGACATCATCCTGAAACCTGGCAGCCTTCATGGAGCATAAGGACAGCCTTGCTGGCCATCATCGG
GTTTATGCCGACTAAAGGAGAGGGGCCATAGGTTCTCTAGATTACACACCAGAGGAGAGAAGAGCGCTT
GCCAAAAAATCGCAAGATTTCTGTTGTGAAGGCTGTGGCTCTGCCATGAAGGATGTCTGTGCCATTAA
AATCTGGAAGTGTTCAAGCCAGGCTGACCAAGAAGCCAAAGAGCTGGCCAGACAGATTAGTTTTAAGGC
CGAAGTCAATTCATCTGGAAAGACTATCGCTGAATCAGACTTAAACCAAGTGTCTCACTAAATGACTCA
CAAGACGATTTACCTACAACATTCCAGGGTGTACAGCAAGCACATCGTATGGCGCCAGAATCCATCAG
GAGCACCTTGCCACAACCTACCCAGCCAGCTCCTAAGAATACCTCCATGAGCCCTCGGCAGCGCAGAGC
CCAGCAACAGAGTCAGAGAAGGCCATCCACTTCCCCGATGTGCTCCAAGGCCAGCCACCAAGAGCCAC
CACACAGAGCACGGCGGGTCCGCCATGCTGATCATCATCCTGACTTTAGCATTGGCGGCTTTATATTCC
GACGAATATATCTGGCCAATGAGTACATATTTGACTTTGAGTTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204576 representing NM_019586
Red=Cloning site Green=Tags(s)

METRYNLKSPAVKRLMKEAAELKDPTDHYHAQPLEDNLFWHFTVRGPPDSDFDGGVYHGRIVLPPEYPM
 KPPSIILLTANGRFEVGGKICLSISGHPETWQPSWSIRTALLAII GFMP TKGEGAIGSLD YTP EERRAL
 AKKSQDFCCEGCGSAMKDVLLPLKSGSGSSQADQEAKELARQISFKAEVNSSGK TIAESDLNQCFSLND S
 QDDLPTTFQGATASTSYGAQNPSGAPLPQPTQPAPKNTSMSPRQRRAQQQSQR RPSTSPDVLQGGPPRAH
 HTEHGGSAMLIIILTLALAALIFRRIYLANEYIFDFEL

TRTRPLE - GFP Tag - V

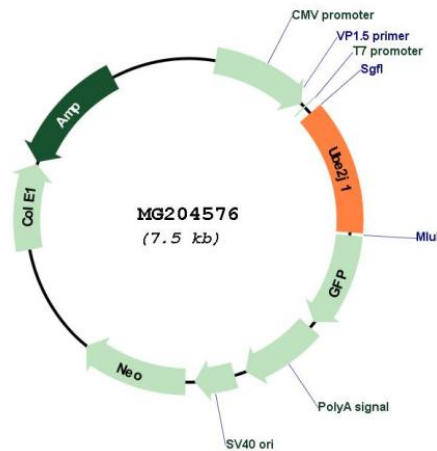
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_019586

ORF Size: 954 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_019586.3 , NP_062532.2
RefSeq Size:	3522 bp
RefSeq ORF:	957 bp
Locus ID:	56228
UniProt ID:	Q9JJZ4
Cytogenetics:	4 A5
Gene Summary:	Catalyzes the covalent attachment of ubiquitin to other proteins. Functions in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum (ERAD). [UniProtKB/Swiss-Prot Function]