

Product datasheet for **MR202930**

Ube2r2 (NM_026275) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2r2 (NM_026275) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ube2r2
Synonyms:	1200003M11Rik; Cdc34b; Ubc3b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202930 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCAGCAGCAGATGACCAGCTCGCAGAAAGCCCTGATGCTTGAGCTGAAATCCCTGCAGGAGGAAC
CGGTGGAGGGCTTCCGGATCACCTGGTGGATGAGTCCGACCTTTACAACGGGAGGTGGCCATCTTCGG
ACCCCTAACACCCTCTACGAAGGCGGCTACTTCAAGGCACATATTAAGTTTCTATTGATTACCCATAT
TCACCACCTACCTTCAGATTCTTGACCAAAATGTGGCACCCCAACATTTATGAGAATGGAGATGTATGCA
TTTCAATTCTTCATCCGCTGTAGATGACCCGAGAGTGGAGAGTACCCTCTGAAAGGTGGAACCTAC
TCAGAAGGTTAGGACTATCCTGTAAAGTGTGATCTCACTGCTTAATGAGCCCAACACCTTTCTCCAGCC
AATGTGGATGCTTCAGTCATGTTCAAGAAATGGAGGGACAGCAAAGGAAAAGACAAGGAATATGCTGAGA
TCATTAGGAAACAGGTCTCAGCCACTAAAGCTGAGGCGGAGAAGGATGGAGTGAAGGTCCCCACAACCTT
GGCAGAACTACTGCATCAAACTAAAGTGCCTTCCAATGACAACAGCTCAGATTTGCTTTATGACGACTTG
TATGACGACGACATTGATGATGAAGATGAAGAGGAAGAAGATGCCGACTGTTATGATGATGATGATTCTG
GAAATGAGGAGTCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR202930 protein sequence
 Red=Cloning site Green=Tags(s)

MAQQQMTSSQKALMLELKSLQEEPVEGFRITLVDSDLYNWEVAIFGPPNTLYEGGYFKAHIKFPIDYPY
 SPPTFRFLTKMWHPNIIYENGDVCSILHPPVDDPQSGELPSEWRNPTQNVRTILLSVISLLNEPNTFSPA
 NVDASVMFRKWRDSKGDKEYAEIIRKQVSATKAEAEKDGKVPPTTLAEYCIKTKVPSNDNSSDLLYDDL
 YDDIDDEDEEEEEADCYDDDDSGNEES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_026275

ORF Size: 717 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:

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_026275.1](#), [NM_026275.2](#), [NM_026275.3](#), [NM_026275.4](#), [NP_080551.1](#)

RefSeq Size: 3312 bp

RefSeq ORF: 717 bp

Locus ID: 67615

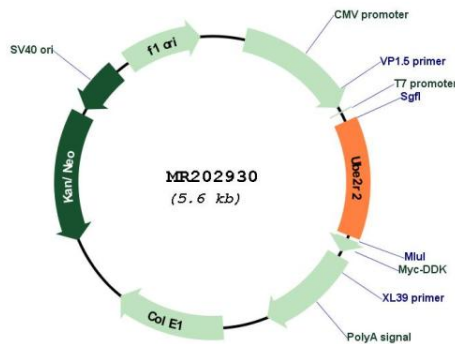
UniProt ID: [Q6ZWZ2](#)

Cytogenetics: 4 A5

MW: 27.2 kDa

Gene Summary: Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination. May be involved in degradation of katenin.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202930