

Product datasheet for **MC210763**

Ube2c (NM_026785) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2c (NM_026785) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ube2c
Synonyms: 1110015A16Rik; D2Ertd695e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210763 representing NM_026785
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCTCACAAAACCGCGACCCAGCTGCTGCCAGCGTTGCCGCGTTCGAAAAGGAGCCGAGCCCTGCC
GGGGCGCCGCCGAGGCCCTGTGGCAAGCGGCTACAGCAGGAAGTATGATCCTCATGACATCTGGTGA
CAAAGGAATCTCCGCCTCCCTGAGTCAGACAACCTGTTCAAGTGGTGGGGACCATCCACGGAGCAGCC
GGCACCGTATATGAAGACCTGAGGTACAACTCTCCCTAGAGTTCGCCAGCGGCTACCCTTACAACGCAC
CCACAGTGAAGTTCCTCACACCCTGCTACCACCCCAACGTGGACACCCAGGGCAACATCTGCCTGGACAT
CCTCAAGGATAAGTGGTCTGCACTATATGATGTGACGACTATCTTGTCTCTATCCAGAGCCTGCTAGGA
GAACCAACATCGATAGCCCTTTGAACACACACGCTGCGGAACTCGGAAAAACCCACAGCATTAAAGA
AATACCTGCAAGAAACCTATTCAAAGCAGGTCTCCAGCCAAGATCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026785
Insert Size: 540 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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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:	<u>NM_026785.2</u> , <u>NP_081061.1</u>
RefSeq Size:	931 bp
RefSeq ORF:	540 bp
Locus ID:	68612
UniProt ID:	<u>Q9D1C1</u>
Cytogenetics:	2 85.27 cM
Gene Summary:	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Acts by initiating 'Lys-11'-linked polyubiquitin chains on APC/C substrates, leading to the degradation of APC/C substrates by the proteasome and promoting mitotic exit.[UniProtKB/Swiss-Prot Function]