

Product datasheet for **MC207884**

Ube2e2 (NM_144839) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2e2 (NM_144839) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ube2e2
Synonyms: BC016265
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207884 representing NM_144839
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCACTGAGGCGCAGAGAGTTGATGACAGTCCAAGCACTAGTGGAGGAAGTTCTGATGGAGATCAGC
GGGAGAGCGTTTCAGCAGGAACCTGATCGAGAACAAGTTCAGCCTAAGAAAAGGAGGGGAAGATATCCAG
CAAGACAGCCGCGAAACTGTCAACCAGTGCCAAAAGAATTCAGAAGGAGCTTGCAGAAATCAGCTGGAT
CCCCCTCCAACCTGTAGTGTGACCCAAAGGAGACAACATTTATGAATGGAGGTCAACTATATTGGGAC
CCCCAGGATCTGTCTATGAAGGAGGGGTATTCTTTCTTGACATTACCTTTTCACCAAGATTATCCGTTTAA
ACCCCCTAAGGTCACCTCCGAACGAGAATCTATCACTGTAATATCAACAGCCAGGGTGAATCTGTCTG
GACATCTCAAGGACAACCTGGAGTCCGGCCCTGACCATCTCTAAAGTCTCTGTCCATCTGCTCACTAC
TTACAGACTGCAACCCTGCCGACCCTCTGGTGGGAGTATTGCCACACAGTACATGACCAACAGAGCGGA
GCATGACCGGATGGCCAGACAGTGGACCAAGCGGTACGCCACC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_144839
Insert Size: 606 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_144839.1</u> , <u>NP_659088.1</u>
RefSeq Size:	1410 bp
RefSeq ORF:	606 bp
Locus ID:	218793
UniProt ID:	<u>Q91W82</u>
Cytogenetics:	14 A2
Gene Summary:	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. Catalyzes the ISGylation of influenza A virus NS1 protein.[UniProtKB/Swiss-Prot Function]