

Product datasheet for **MC211038**

Ube2q1 (NM_027315) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2q1 (NM_027315) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ube2q1
Synonyms: 1110002C01Rik; 2310012M18Rik; AI854014; Gtap; NICE-5; PRO3094; Ube2q
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211038 representing NM_027315
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGCAGCCGAGCCGAGGGGAGCAGCAGCCGGGGCCGGGGCAGCAACTGGGGTCCAGGGGGCGG
CGCCGGGGGCGGGGGCGCCCGGAGGGGGCCGGGGCCAGGGCCCTGCCTGAGCGGGAGCTGAAGCT
GCTCGAGTCCATCTTCCACCGCGCCACGAGCGCTTCCGCATTGCCAGCGCTGCCTGGACGAGCTGAGC
TGCAGATTCTGCTGGCCGGAGCCGAGGGGCGGGGGCCGGGGCTGCGCCGGACCCCATCTCCCTCCC
GGGGATCGGTGCCGGGGACCCCGTCCGCATCCACTGCAACATCACGGAATCATACCCTGCTGTGCCCCC
CATCTGGTCCGGTGGAGTCCGATGACCCTAACTGGCTGCTGTCTTGGAGAGGCTGGTGGACATAAAGAAA
GGGAATACTTTGCTCTTGACGATCTGAAGAGGATCATCTCTGACCTGTGTAACTCTACAACCTCCCTC
AGCATCCTGATGTGAAATGCTGGATCAGCCCTTGCCAGCAGAGCAGTGCACGCAGGAAGAAGTGTCTTC
AGAAGATGAAGATGAAGAGATGCCTGAGGATACAGAAGACCTAGATCACTATGAAATGAAAGAGGAAGAG
CCAGCCGAGGGCAAGAAGTCTGAAGATGATGCCATCGGAAAAGAGAACCTGGCCATCCTAGAGAAAATTA
AAAAGAACCAGAGGCAAGATTACTTAAATGGTGCAGTGTCTGGCTCGGTGCAGGCCACTGACCCGCTGAT
GAAGGAGCTCAGGGATATATACCGATCACAGAGTTTCAAAGGCGGAAACTATGCAGTCGAACTCGTGAAT
GACAGTCTCTATGACTGGAATGTCAAACCTCTCAAAGTTGACCAGGATAGCGCTTTGCACATGATCTTC
AGATCCTGAAGGAGAAGGAAGGAGCAGACTTCATCCTACTTAACTTCTCCTTTAAAGATAACTTCCCTT
TGACCCACCGTTCGTCAGGGTTGTGTCTCCAGTCTCTCTGGAGGGTATGTTCTGGGTGGAGGTGCCATC
TGCATGGAACCTTCTACCAAGCAGGGCTGGAGCAGTGCCTACTCCATAGAGTCCGTGATCATGCAGATCA
GCGCCACGCTGGTGAAGGGAAAGCACGGGTGCAGTTTGGAGCCAACAAATCTCAGTATAGCCTGACGAG
AGCACAGCAGTCTACAAGTCTTGGTGCAGATCCATGAAAAAACGGCTGGTACACACCCCAAGGAA
GATGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA



[View online >](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_027315
Insert Size:	1269 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).
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_027315.4</u> , <u>NP_081591.3</u>
RefSeq Size:	3081 bp
RefSeq ORF:	1269 bp
Locus ID:	70093
UniProt ID:	<u>Q7TSS2</u>
Cytogenetics:	3 F1
Gene Summary:	Catalyzes the covalent attachment of ubiquitin to other proteins (By similarity). Involved in female fertility and embryo implantation (PubMed:23108111). May be involved in hormonal homeostasis in females (PubMed:23108111). Involved in regulation of B4GALT1 cell surface expression, B4GALT1-mediated cell adhesion to laminin and embryoid body formation (PubMed:18511602).[UniProtKB/Swiss-Prot Function]