

Product datasheet for **RN205809**

Ube2n (NM_053928) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2n (NM_053928) Rat Untagged Clone
Tag: Tag Free
Symbol: Ube2n
Synonyms: MGC93937
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205809 representing NM_053928
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGGCTGCCCGCAGGATCATCAAGGAAACCCAGCGTTTGCTGGCAGAACCAGTTCCTGGCATT
AAGCAGAACCAGATGAGAGCAACGCCGTTATTTTCATGTGGTCATTGCTGGTCCCAGGATTCCCCTT
TGAGGGAGGGACTTTTAACTTGAAGTATTCCTCCAGAAGAATACCCAATGGCAGCACCTAAAGTACGT
TTCATGACCAAAATTTATCATCCTAATGTAGACAAGTTGGGAAGAATATGTTTAGATATTTGAAAGATA
AGTGGTCCCAGCACTGCAGATCCGAACAGTTCGCTATCAATCCAGGCTTTGTTAAGTGCTCCTAATCC
AGATGATCCATTAGCAAATGATGTAGCTGAGCAGTGGAAGAGCAACGAAGCCCAAGCCATAGAAACAGCA
AGAGCATGGACTAGGCTATATGCCATGAACAATATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053928
Insert Size: 459 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_053928.2</u> , <u>NP_446380.1</u>
RefSeq Size:	1575 bp
RefSeq ORF:	459 bp
Locus ID:	116725
UniProt ID:	<u>Q9EQX9</u>
Cytogenetics:	7q13
Gene Summary:	mediates ubiquitin-dependent proteolytic pathway; forms a thiolester linkage between the active site cysteine and the ubiquitin, supports conjunction with a third protein, ubiquitin-protein ligase (E3) [RGD, Feb 2006]