

Product datasheet for **RN213269**

Ube2d4 (NM_031001) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2d4 (NM_031001) Rat Untagged Clone
Tag: Tag Free
Symbol: Ube2d4
Synonyms: RGD69425; Ube2d2; Ube2d2b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213269 representing NM_031001
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTTGAAGAGAATCCACAAGGAAGTGAACGACCTGGCGCAGGATCCCCAGCACAGTGTTCAGCAG
GTCCTGTCGGGGAAGATATGTTCCATTGGCAAGCTACAATCATGGGGCCAAATGACAGTCCCTACCAGGG
TGGAGCATTTTTCTTGACAATTGATTTCCCAACAGAGTACCCCTTCAAACCACCTAAGGTTGAATTTACA
ACAAGAATTTATCATCCAAATGTTAACAGTAATGGCAGCATTGTCTTGATATTCTCGGTCACAGTGGT
CTCCAGCACTAACTATTTCAAAGTACTTTGTCCATCAGTTCTCTGTTGTGTGATCCCAATCCCGATGA
TCCCTTAGTGCCTGAGATTGCTCAGATCTACAAAACAGATAGAGACAAGTACAACAGAACAGCTCGGGAA
TGGACTCAGAAGTATGCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031001
Insert Size: 444 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_031001.2</u> , <u>NP_112263.1</u>
RefSeq Size:	1499 bp
RefSeq ORF:	444 bp
Locus ID:	79435
UniProt ID:	<u>P70711</u>
Cytogenetics:	14p22
Gene Summary:	ubiquitin-conjugating enzyme (E2 class); mediates the targeting of abnormal and short-lived proteins for degradation [RGD, Feb 2006]