

Product datasheet for **RN217526**

Ube4b (NM_001271198) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube4b (NM_001271198) Rat Untagged Clone
Tag: Tag Free
Symbol: Ube4b
Synonyms: ufd2a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217526 representing NM_001271198
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGCTGAGCGCTGACGAGATTCGACGGAGGCGCCTGGCAGCACTTGCTGGTGGACAGACCTCCC
AGCCGACCACCCCGTTACATCTCCCCAGAGGGAGAACCCTCCAGGACCTCCAATAGCTGCATCAGTCCC
AGGCCCTCCCAGAGCCTTGGTCTCAATGTCCACAACACGACCCAGCTACCTCCCCATAGGTGCAGCA
GGAGTTGCCCATCGGAGCCAGAGCAGTGAAGGCGTCAGTTCTTAGCAGCTCACCTTCCAACAGCCTTG
AGACGCAATCTCAGTCCCTCTCACGTTCCAGAGCATGGATATCGATGGTGTCTCCTGTGAGAAGAGCAT
GTCCCAGGTGGATGTGGATTCTGGAATCGAATATGGAGGTGGACGAGAACGACCGAAGAGAAAAACGG
AGCCTGAGTGACAAGGAGCCTTCTCAGGTCTGAAGTGTCTGAAGAGCAGGCCTTACAGCTGGTCTGTA
AGATCTCCGTGTCTCCTGGAAGGACCGCGACAGAGATGTCATCTTCTTCTCTCTCTCGCGAGTT
TAAACAGAACCCAAAAGAAGTGTCTCTGATTTAAGGATCTGATTGGCCAGATTTAATGGAAGTGCTG
ATGATGTCCACTCAGACACGAGATGAAAATCCGTTTGCCAGTCTGACGGCCACATCCCAGCCCATCGCCA
CGGCAGCTCGGTACCAGACAGAACTCATGCTGAACACAGGCTCCAGTTCGGGGACAAGTCCCATGTT
CTGCAGCTTGGGTTCTTCCAGCGCCAGCTCACTCTCCAGTTTGGGAGCCTCTGGTGGAGCAAGTACCTGG
GATTTCTACAGTGACATTTACCAATTGAAACCTGCAAAGAGACGGACATGCTGAACTACCTCATCGAGT
GCTTTGACCGAGTTGGAATAGAGGAAAAAAGCACCAAAGATGTGCAGCCAGCCAGCAGTCAAGCAGCT
TCTGAGCAACATCCGCTCGCAGTGCATCTCCACACCGCGCTAGTGTACAAGGGTCCCTCACACAGCCC
AGGTCTTGCAACAGCCATCCTTCTCGTGCCGTACATGCTCTGCAGGAATCTCCCGTACGGCTTCATTC
AAGAGCTGGTGGAGCACTCACCAGGATGAAGAGGTGTTCAAGCAGATCTTTATCCCCATTTTACAAGG
CCTGGCGGTGCTGCCAAAGAGTCTCCTGGATAGCGACTACTTAAGTACCCCTCATGGCACTGGGT
GAACTCTGTGAAACCAAGTTCGGGAAGACACACCTATGTGCAATTTGGTGCCTCCTTACCCTGTGGT
TGCCGAAGTCTTAAGCCCTGGTCTGGGCGGGAGCTGCAGAGACTCTCTACTTAGGGGCTTCTTTAG
CTTCTGTCTTTCGAGAGGACGATGCAAAGGTGGTTGAGAAATACTTCTCAGGGCTGCCATTACCCTG
GAGAACACCCGTGGTGGTCAAGCAGTCACTACAGCATTACCTGGAGCTGGGACGGCAAGAGCTTTTCAAGA



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TTCTGCATAGTATTTTGTAAACGGCGAAACTCGTGAAGCAGCACTCAGTTACATGGCAGCCATTGTCAA
 TGCCAATATGAAGAAAGCGCAGATGCAGGCAGATGATCGGTTGGTGTCTACAGACGGGTTTCATGCTGAAT
 CTCCTTTGGGTCCTGCAGCAGCTAAGTACAAAAATCAAGTTAGAAAACGGTCGACCCCACTTACATATTCC
 ACCCGAGATGTCGGATCACTCTGCCAACGATGAGACACGGATAAATGCAACGATGGAGGATGTGAACGA
 GTGGCTGACAGAGCTCTATGGAGATCAGCCTCCATTTTCTGAGCCAAAATCCCTACAGAATGCTTCTTT
 CTCACCCTGCACGCTCACCATCTCTATCTGCCTAGTTGTCGCTGCTACATTCCGCGGTCGGAGCCA
 TCCGTGAGCTCAATAGAACCCTGGAAGATTTGAAAAATAATGAAAGCCAGTGGAAAAGATTCCCCACTGGC
 CACCAGACACCGGAAATGCTGAAGCGCTGTAAAACCTCAGCTTAAGAAAACCTGGTACGGTGAAGGCCTGT
 GCTGACGCTGGCTTACTTGACGAGAGCTTCTTAAGAAGATGTCTGAATTTTTATGGCCTTCTCATTACAG
 TGATGCTGCGCGTCTGGACCCTGCATATCCTGACATAACACTGCCTTTAAATTCAGAAGTCCCCAAGGT
 ATTTGCAGCATTGCCTGAGTTTTATGTAGAAGATGTTGCTGAATTTTTATTTTTATTGTACAATACTCT
 CCTCAGGTGCTTATGAGCCCTGCACTCAGGACATTGTGATGTTCTCCTGTTGTGATGCTGTGCAACCAGA
 ACTACATCCGAAACCTTACCTAGTGGCAAGCTCGTGGAGGTCATGTTTATGACCAACCCCTCTGTTCA
 GCCGAGAACTCAGAAGTTTTTTGAGATGATTGAGAACCATCCTCTCTACCAAATGCTGGTACCGTCC
 CTCATGAAGTTCTATACAGACGTCGAGCATACTGGAGCCACCAGCGAGTTCTATGACAAGTTCACAATTC
 GCTATCACATCAGCACTATTTTTAAAAGCCTTTGGCAAAACATAGCTCACCATGGCACCTTCATGGAGGA
 GTTCAATCTGGAAAGCAGTTCGTTTCGGTATATCAACATGCTGATAAATGACACGACCTTTTTACTGGAC
 GAAAGTCTGGAGTCTCTGAAGCGGATCCATGAAGTGAAGAGGAGATGAAGAACCAAGAGCAGTGGGACC
 AGCTGCCCCGGGATCAGCAGCAGGCCCGGCGAGTCTCAGCTTGCTCAGGACGAGCGTGTTCCTGTTCTTA
 TCTCGCCTGGGACTGAAACCGTGGACATGTTCCATCTCCTACCAAGCAAGTCCAGAAGCCGTTCTCTG
 AGGCCAGAACTTGGTCCCGGTTAGCAGCCATGCTGAACTTAACCTGCAGCAGCTCTGCGGGCCCAAGT
 GCCGGGACCTCAAAGTGGAAAACCCAGAGAAGTACGGTTTTGAGCCAAAGAAGCTGTTGGACCAACTGAC
 GGATATCTACTTACAGCTGGACTGTGCTGCTTGGCTAAAGCCATCGCTGATGACCAGCGATCCTACAGC
 AAGGAACGTTCGAAGAAGTCATTTCAAAGATGCGGAAGGCAGGAATCAAATCCACCATCGCAATAGAAA
 AGTTTAAGCTTCTGCAGAGAAAGTGGAGGAAATCGTGGCAAAGAATGCTCGGGCGGAAATAGACTACAG
 TGACGCCCCGGACGAGTTCAGAGACCCTCTGATGGACACCCTGATGACTGATCCCGTGAGACTGCCTCT
 GGGACCATCATGGACCGTTCTATCATCTGCGGCATCTGCTCACTCCCCACCGACCCCTTCAACCGCC
 AGATGCTGACTGAGAGCATGCTGGAGCCAGTGCCAGAGCTAAAGGAGCAGATTGAGGCTGGATGAGAGA
 GAAGCAGAGCAGTGACCAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271198
- Insert Size:** 3522 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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: NM_001271198.1, NP_001258127.1

RefSeq Size: 5627 bp

RefSeq ORF: 3522 bp

Locus ID: 298652

Cytogenetics: 5q36