

Product datasheet for **RN217280**

Ube3a (NM_001191837) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube3a (NM_001191837) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ube3a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217280 representing NM_001191837
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCACAGCTTGTAAAAGATCATCAGGAGAATCCCAGTCTGAGGACATTGAAGCTAGCCGAATGAAGC
 GAGCAGCTGCAAAGCATCTAATAGAGCGCTACTACCATCAGTTAACTGAGGGCTGTGAAAATGAGGCCTG
 CACGAATGAGTTCTGTGCTTCTGTCCAACCTTTCTTCGTATGGATAACAATGCAGCAGCTATTAAGCT
 CTTGAGCTTTATAAAATTAATGCAAACTCTGTGATCCTCATCCCTCCAAGAAAGGAGCAAGCTCAGCTT
 ACCTTGAGAACTCAAAGGTGCATCTAACAACTCAGAGATAAAAAATGAACAAGAAGGAAGAGTTAAAGA
 GGTGGACTACCTAACTGAAGAGAAAGTATATGAAATTTATGAATTTTGTAGGGAGAGAGAGGATTACTCC
 CCTTTAATTCGTGAATTTGAAGAATATTTCTAGTGCTGAGGCCTGGTTCAGAGCTTTCGGAAAGTCA
 AACAGCACACTAAGGAGGAATTGAAATCTCTTCAAGAGAAGGATGAAGACAAGGATGAAGATGAAAAGGA
 AAAAGCTCGGTGTTCTGCTGCTGCTATGGAAGAAGACTCAGAAGCATCTCTTCAAGGATGGGTGATAGC
 TCACAGGGAGACAACAATGTACAAAAATAGGTCCTGATGATGTGACTGTGGATATTGATGCTATAAGAA
 GGGTCTACAGCAGTTTGCTCTCTGATGAAAAATAGAACTGCCTTCTGAATGCACTTGTATATCTGTC
 ACCTAACGTGGAATGTGATTTGACATATCATAATGTGTACACTCGAGACCCTAATTATCTCAATTTGTTT
 ATTATTGTAATGGAAAATAGGAATCTCCACAGTCTGAAATCTGGAAAATGGCATTGCCGTTATTTTGCA
 AAGCTATGAGTAAGCTACCCCTTGACAGTCAAGGAAAAGTATTAGGCTGTGGTCTAAATACAGTGTGCA
 CCAGATTCGGAGAATGATGGAACATTTACGCACTTATTACCTACAAAGTCATAAGCAATGAATTTAAT
 AGCCGAAATCTAGTGAATGATGATGCCATTTGCTGCTTCAAAGTGTGAAAATGGTTTACTATG
 CAAATGTAGTGGAGGGGACGTGGACACAAATCATAATGAGGAAGATGATGAAGAGCCTATACCTGAGTC
 CAGTGAATTGACACTTCAGGAGCTTCTGGGAGAGGAAAGAAATAAGAAAGGTCCTCGAGTGGATCCA
 CTAGAAAACCGAAATTTGGCGTTAAAACCTCTAGATTGTCGAAAACCACTTATCTCCTTTGAAGAATTCATTA
 ATGAACCACTGAATGATGTTCTAGAAAATGGACAAAAGATTACTTTTTTCAAAGTTGAAACAGAGAACA
 ATTCTCTTTTATGACATGTCCTTTTATATTGAATGCTGTCACAAAGAATCTGGGATTGTATTATGACAA
 AGAATTCGCATGTACAGTAAAGAAAGAACTACTGTTCTTTACAGCCTAGTTCAAGGACAGCAGTTGAATC
 CATATTTGAGACTTAAAGTCAGACGTGACCATATTATAGATGATGCACTGTCCGGCTAGAGATGATCGC
 TATGAAAATCTGCAGACTTGAAGAAACAGTTGTATGTGGAATTTGAAGGAGAACAAGGAGTAGATGAG
 GGAGGCGTTTCCAAGAGTTTTTTCAGTTGGTTGTGGAGGAAATCTTAAATCCAGATATTGGTATGTTCA
 CATACGATGAAGCTACAAGATTATTTGGTTTAAATCCATCTTCTTTGAAACTGAGGGTCAATTTACTCT
 GATTGGCATAGTCTGGGTCTGGCTATTTACAATAACTGTATACTGGATGTCCATTTTCCATGGTTGTG
 TACAGGAAGCTAATGGGGAAAAAGGAACGTTTTGTGACTTGGGAGACTCTCACCAATCTTATATCAGA
 GTTTAAAGGATTTATTGGAATAGAAGGGAATGTGGAAGATGATATGATGATCACTTTCCAGATATCACA
 GACAGATCTTTTTGGTAACCCAATGATGTATGATCTAAAAGAAAATGGTGATAAAATTTCAATACAAAT
 GAAAACAGGAAGGAATTTGTCAGTCTCTATTGAGACTACATTCTCAATAAATCTGTAGAAAAACAATTCA
 AGGCATTTGCGAGAGTTTTTATGTTGACTAATGAATCACCCTTAAAATACTTATTGAGACCAGAAGA
 AATTGAATTAATATGTTGGAAGCCGGAATCTCGATTTCCAGGCCTAGAAGAAACTACAGAGATGATG
 GGTGGCTATACGAGAGAATCTGTTGTGATTAGGGAGTTCTGGGAAATTGTTCAATTCGTTTACAGATGAAC
 AGAAAAGACTTTTCTGCAGTTTACAACAGGCACAGACAGAGCACCTGTTGGAGGACTCGGAAAATTTGAA
 GATGATTATAGCCAAAAATGGCCAGACACAGAAAGGTTACCTACATCTCATACTTGCTTTAATGTCCTT
 TTAATCCGGAATATTCAAGCAAAGAAAACTTAAAGAGAGATTGCTGAAGGCCATCACATATGCCAAAG
 GATTTGGCATGCT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191837
Insert Size: 2607 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:	<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_001191837.2, NP_001178766.1</u>
RefSeq Size:	5795 bp
RefSeq ORF:	2607 bp
Locus ID:	361585
Cytogenetics:	1q22