

Product datasheet for **MC206472**

Ube4a (BC006649) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube4a (BC006649) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ube4a
Synonyms:	4732444G18Rik; 9930123J21Rik; UFD2b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006649
 GTAGCTGTGAGGTGTCGTGTCCTGCCCTTTCAGGCTCCGGTACTTTTTATTTTCATGTGTAAGCTCAAT
 GACTAAGTCTAACCTGGATCTCCACCGAGGTTCTCAACAGCCGCTCCCCTAGGGCTGGATGGAGGACACC
 TTAAGTGAATGACAGACCAGGAGAATAACAACAACATCTCAAGTAACCCCTTTGCTGCTCTTTTTGGC
 TCCCTGGCTGATGCCAAGCAGTTTGCAGCAATCCAGAAAGAGCAGCTGAAGCAGCAGTCCGATACCTTAT
 CAATCTCATCTTTGTATCAAGAGGACATCCGTGCGTCCAGACTCCCTTTGGCCAGTGGCACCTATTGC
 TACATCAGTGACAGAATCAGGAGTCCCATCTCAGGATCATGAGGAAGAGATAGATGGGCACAGCCTAT
 AAAGCAAAACTAGCCTGTAAGTGGACCAGTGGGTAGTGTATTGGTTCTGAGGAAGAAGCGTTGTGT
 AACAGCTTACATGTTCCAGCAGATGAGCTCCCAGCAAGCCAGATGACTCGGATAATAGTGTGTCAGAGA
 GCCTGGATGAGTTTGACTACTCTGTATCTGAGATTAGCCGCTCCTTCCGGACACACCAAGAAATGTGTGA
 GCAACTCAACATCAATCACATGATCCAGAGGATCTTCTCATCACCTGGACAACAGTGTCCAAGCTTG
 AAAAGCGGGAATGGCATCCCAGCCGTTGTGTGACTTGGAAAGAAATGGCAGTAGAGCTGGAAGATCAAG
 ACTGGCTTGATATGAGCAATGTTGAGCAGGCCATCTTGTCTGATTATTGCTTCAAGATCCAGGAAACCA
 CTTGATCAGCATGACTTCTCCACAACCTTAAATCTCTCTGCTGATCGTATGCAGGAGAGAGGCACATC
 TTCTGTTACCTTTACTCTGCTTCCAGAGACCAAGGAAGAGATTACCAAAGTCCAGAAAACCTACTCC
 CCTTTCAGTGCAGTGCAGAAACCTCACTGTGTCCAACACTCGAACAGTTCTCCTCACCCAGAGATCTA
 TGTTGACCAAAACATCCATGAGCAACTGGTAGATTTGATGTTGGAAGCTATTTCAGGGAGCCATTTTGAA
 GATGTAAGTGAATTTTTAGAAAGAGGTCATTGAAGCCTTGCTGTTGGATGAGGAGGTTTCAACATTTCTG
 AAGTCATGATCCAGTGTGTTGATTTTTACTCAGCCGAATAAAGATCTGGAACCTGCCAGATCCTCCT
 GTATGCATATCTGGACATTTCTCTATTTCACTAGGCAGAAAGGATATGGCCAAGGTGTTTTAGAAATC
 ATTCAGCCCAAGGATCCCAGCAATGGGCAGATGTATCAGAAGACCTTGTGGGAGTATCCTGAATATCT
 CGTGCTTGTAAAGACTCCGGTGTGGTAGAGAACCATGGCTTCTTCTGAATCCATCCCCTTCCAGTCC
 TCAGGAGATCAAAGTACAGGAGCCAAACATCCATCAGTTCATGGCTCAGTTCATGAAAAGATACCAG
 ATGCTGAAGAAGTGTCCAGCTCTCTCCAGAAACCAAGCACTGTATCTTGTCTGGCTTGGAAACTGTT
 TGCATGCAAAATGCAGGCCGACCAAGATCTGGGCAATCAGATGCCCGAAATCTTCTTCCAAATGTATGC
 CTCGGATGCCTTCTTCTGAATCTGGGTGCTGCCCTCCTGAAGCTGTGCCAGCCATTCTGCAAGCCAGA
 TCCTCCCAGCTCCTCACCTTTAACCCACGTAAGTGTCTCAAGGACTTGAATGATGAAGAACGAAAAA
 TAAAAGTGTGCATATGAGAGGTTTGGACAAGGAGACCTGTCTGATCCCAGCTGTGCAGGAGCCAAATGTT
 CCCCCAGAGCTACAACCTTGTGACGGAGAACCTGGCCCTGACAGAGTATACCTTGTACTTGGGATTTAC
 AGGTTGCATGATCAGATGGTAAAAATCAACCAAAATCTGCATCGGCTGCAGGTTGCCTGGCGGGATGCTC
 AGCAGAGTTCTAGCCCTGCTGCTGACAATCTCCGTGAGCAGTTTGAACGCTGATGACCATCTATCTCTC
 TACCAAGACTGCTATGACTGAACCCAGATGCTGCAAAACTGTCTGAATTTGCAGGTGTCCATGGCTGTT
 CTGCTGGTTCAACTGGCCATAGGCAATGAGGGCTCCCAGCCAATAGAAGTAAAGTTTCCCTTTGCCAGATG
 GCTACAGCTCTTTGGCTTATGTGCCAGAAATTTTTGCAGATAACTTGGGTGATTTCTCATTTCCTCCG
 GCGCTTTGCTGAGGACATCTTGGAGACGTGAGCAGACTCCCTGGAGCATGTCTTTCATTTATCACCATT
 TTCCTGGAAGCATAGAAAGAATGAAGAATCCTCACCTGAGGGCCAAACTAGCAGAGGTGTTAGAAGCAG
 TGATGCCTCACCTAGACCAGACCCCAAGCCCTTGGTGTCCAGTGTGTTCCACCGGAAACGTGTGTTCTG
 CAATTTCCATACGCTCCCCAAGTTGAGAAAGCTTTGATCAAGGTGTTTGTGGACATCGAGTTTACAGGG
 GACCCCATCAATTTGAACAGAAGTTTAAATACCAGCCGCTCTATGATCCCATCCTAAGATACATGTGGG
 GGACAGATTGCTATCGGGAGAGCATTAAAGGATTTGGCTGACTATGCCTCTAAGAATTTAGAAGCTATGAA
 TCCCCACTGTTCTCCGATTTCTTAACCTGTTAATGAATGATGCTATCTTCTTTTGGATGAAGCCATA
 CAGTATTTGAGCAAGATAAAGATTGAGCAGATTGAGAAAGACCGAGGAGAATGGGAGAGTCTGACACCAG
 AAGCCCGCCGAGAGAAAGAGGCAGGTTGAGATGTTTGGGCAGCTGGCACGTTCCATAACATCATGTC
 CAATGAAACAATTGGTACCCTTTCTTCTGACATCAGAGATCAAGTCGCTGTTTGTGCATCCGTTCTG
 GCCGAGCGCATCATCTCCATGCTCAACTACTTCTGACGACCTGGTGGGCCCAAGATGGGTGCCCTCA
 AAGTCAAGGACTTCAAGCAATTTGACTTCAAACCTCAGCAGCTCGTATCAGACATCTGACTATCTACTT
 AAATCTTGGGTATTTGAGATTGGTGTGAGAAAGCCATAGGGATGCTAGTATTTGATAGCAGAATGACT
 GGTTAGGTCTTGTGTGAAAATAGTGGGGAAAGGCAGGCTATTTCTAGCTGATAGATAAAGGACTCCTCC
 ACAGTACTAAATAGATTTTATCTGGCCATTGGACATTGCTCAGTATTTCCAACATTCTGCCTTGATCTG
 TGCAAAAGATAAATATACTGTTATAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN:	BC006649
Insert Size:	2568 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:	BC006649 , AAH06649
RefSeq Size:	3400 bp
RefSeq ORF:	2568 bp
Locus ID:	140630
Cytogenetics:	9 A5.2
Gene Summary:	Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase. Mediates 'Lys-48'-linked polyubiquitination of substrates.[UniProtKB/Swiss-Prot Function]