

Product datasheet for **MC200579**

Ube2h (NM_009459) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2h (NM_009459) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ube2h
Synonyms:	1500009C23Rik; AI181839; AI326965; AI462483; AW227540; E2-20K; Gid3; N28148; Ubc8
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC008517 sequence for NM_009459
 CCCGAGCGGGCGCCTCGGTCCCCGCCCCACTCGGCGGGGAGTGCCTGGTGTCCCGGTGCGGGGGG
 GGCGGCTGAGCGGACCCACGGGACCGCGGGGTGTGCCACCTCGGCCGAGGAGCCGGCGAGGCCCGG
 GGCCCTGCGAGCTGGGCCCGGAGCCCGTGACAGACGGGCCAAGGAGGGGAGAGAGCGCGGGCGGCGCAG
 GCGACGGGGAGGCAGCGGCAGCGGCACACCATGTCATCCCCAGTCCCGCAAGAGGGCGGATGGACACG
 GACGTAGTCAAGCTCATTGAAAGCAAACATGAGGTTACAATCCTAGGAGGACTCAATGAATTCGTTGTCA
 AGTTTTACGGACCACAAGGAACACCATATGAAGCGGGGTGTGAAAGTGAGAGTGGACCTTCTGATAA
 ATACCCTTTTCAAGTCTCCATCTATAGGATTCATGAATAAAATTTCCATCCCAACATTGATGAAGCGTCA
 GGAAGTGTGTGTAGATGTAATTAATCAAACCTGGACAGCTCTCTATGATCTTACCAATATATTTGAGT
 CCTTCTGCCCGAGTTGCTGGCCTATCCTAACCCCATAGATCCTCTCAATGGTGACGCTGCAGCCATGTA
 CCTCCACCGACCAGAAGAGTACAAGCAGAAAATTAAGAGTACATCCAGAAGTACGCAACGGAAGAGGCC
 CTGAAGGAACAGGAAGAGGGCACTGGCGACAGCTCATCGGAGAGTTCTATGTCTGACTTCTCAGAAGATG
 AGGCCCAGGACATGGAGTTGTAGTAGAAAAGGCATCTGCTTTTCAGAAAGACTATTATTTCTAACCATG
 AGAAGCAGACTCTAATATTCATATTTAAACAAAGCAATTTTTTTTATTACTAAACAAGGTTTTTATGAAT
 AATAGCATTGATATATATATATATATATACCCCTTTAGATCTTGATTTCTTGGTCATTTCTCAACCTGA
 GGTGCATAGCATATTTCCACATTCATTTTGGTAGCAATATGCAGTCCGAATGCATGCATTCATAAGTCC
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 AAACAGGAAAAGTTTGTCTTTTTATTGATGGTTCAAAAGAAACAAACCAATCTACCAGCTCTTGGAT
 GAAGATAGAACAGTGTCTTTCCAGAGTGGGAAGGAAGGGGTGAGACGCGTGTCTTGGAGCCTGTGAGG
 CTGCTCCGTCCTTGCAGCTGCTCCCTAGTCTGAGTGGTCTTGGTGAGGAGCAGCAAGATGCAGCGAG
 TTGAGTGAGACTTAGGGCTTTTGATTTTTTTTTTTTTTTTTTGGACTCGGATTTAAGTGCATTTTTCTAG
 GTAGACTCCTGCCCTCCTTGCTACCAGACTGCAGCCACCTTGGTTTTGCCTTGGAGAACATTTGGGGAG
 CATTTCCTGAACCATGTCTTTTGGGGGTACAGCTTGTATCCAGCAGGAATTATTGAGCGAGCAGGACT
 GGAGGAGACGGGAATGAAGACACAAGAGTGACATCTGATCCTAGCACGGGCCTGTTGATCCATTGCCTG
 GACTGAGCTGTGAACTGGACGCGGTTTTGGTTTTTGTGTTTTTCTTTTTCTTAATTTGTGTGAA
 TTGTACCTAGACAGGTTACAGATTTAATTTTACCTACCAAGGGACAGTCTCCTCCCTGGACAAGGCTCA
 GTGGACCATCAGATGGAGGAAGACTGGCCCCATTGCTTGGACCCCTGTGCGACCCCTGACCTCCAGCCTT
 AGTTCTCCTGGAAGCTGCCAACTGCTTACGGGAGTGGGTAGATTGGGCGTCTGAGACCCAGAACATCCTA
 AATTTGCAATGGTAACAGCTGAAACAAACGGAAGTTTTTGTACCAAGTGGCCGAGGTGGGAAGAAC
 TACTTTGAGAATTGTTACGGAGGCAGGTTGAGGGGACACTTTGACCCTCAAGGTAACAGCCAGTCAGA
 TGCTTGGAGGAAATTTGGAGACAGTGTAGACAGCAGCTCTGCTCTGTATTCTTTTTGACAAAACCAGAACAG
 TAGAAGTAGCCAATCGTAAGACCTGAAGACATTTTGAATGTCCCACTGGACTAACCTTTCTTTTGTGTG
 TGTTTTAGTTTAGAAGTGTATATCCACAAGGGTTAAGTCAATGAGGTTGGAAGACACCTATCTTTTT
 TTTTAAATCAAAAAGCACAATCAGTCTTTCCCTTGAATAATCAATAAAGTACAACCTTTAGCGTGATTA
 TTTTCTAAATACAAAGCAAATAATTTACTTATTTTATGTTAATTACGGGCATGAAGCAAAAAGGTTTCT
 TTGGGGAACATGCAGTTTTGTAGTGTGGGGTTGGTTCATGTCTCTGGCACCCCTGGCTTGTGAAAGGT
 GGCTTTAGCTGTGTGCTGTGTACCTGCTTACGTGGCCTGCTGTCTCTGTGTGATTAGGAGGTTTCTGC
 TGGCCCTGCAGCTTGTCTCCCTGCGGATTAGGCCTTTGCTCATGCTATAGCCTTCATGTGGGTGCTACCT
 AGAGCAGCGTGAACCTGCTGGGTGGTATTGTGAGTTTCAAGCAATAAAAAAATGATTTTTTTCAATAC
 TGTATAAAAAATAGTATTCTGATTACCTCCCTCAATAAAAAAAGTCCAGATAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_009459
Insert Size: 552 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:	BC008517 , AAH08517
RefSeq Size:	2828 bp
RefSeq ORF:	552 bp
Locus ID:	22214
UniProt ID:	P62257
Cytogenetics:	6 12.52 cM
Gene Summary:	<p>Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. E2 ubiquitin conjugating enzyme that transfers ubiquitin to MAEA, a core component of the CTLH E3 ubiquitin-protein ligase complex. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Capable, in vitro, to ubiquitinate histone H2A. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>