

Product datasheet for **MC201296**

Ubtd1 (NM_145500) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubtd1 (NM_145500) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ubtd1
Synonyms: BC016129
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016129 sequence for NM_145500
 GCATGGGCAACTGCGTGGGAGACAGCCGGGAGAGGCCGGCTGCTCCGGGACACCCCCGCAAGCGAGC
 AGGTCGCAATGAGCCCTTGAAGAAGGAGCGCTCAAGTGAAGAGTGACTATCCCATGACTGATGGGCAG
 CTGCGGAGCAAACGAGATGAGTTCTGGGACACAGCACCTGCCTTTGAGGGCCGCAAGGAGATCTGGGATG
 CCCTCAAGGCTGCTGCCTATGCTGCTGAAGCTAATGACCATGAGCTGGCTCAGGCCATCCTGGATGGAGC
 CAGCATCACCTGCCTCATGGAACCTTTGTGAATGCTATGACGAGCTGGGTAACCGCTATCAACTGCC
 ATCTATTGCTGTCCCCACCTGTGAACCTGCTGCTGGAGCACACGGAGGAGAGCCTGGAGCCTCCCG
 AGCCACCCCTAGTGTGCGCCGTGAATTCCTCACTGAAAGTGCCTCTCCACAGGCAAGGACGTGAGGCT
 CAATGCCAGCCTGCCTGACACGGTGGGCAACTCAAGAGGCAGCTGCACAGCCAGGAGGGCATTGAGCCA
 TCCTGGCAGAGATGGTTCTTCTGTTGGAAGCTGCTTACAGACCCGACAAGGCTCCAGGAAACAAAGATTC
 AAAAAGACTTCGTCATCCAGGTATCATCAACCAGCCCCACCACCCAGGACTGACGGACTGACGGACT
 GACGGCACCAACTCCTAGGAAAAGAGGCCATGGGGGGCCCTGCAGGCTGTGGGGCCAGTCTGCCGCT
 TCCAGTGCTGCTGCTTCTTTCAGGGGCGCTCCACCCGCTGCTGTATGGCTCTTAGTGAGCTGCGAAG
 GGACTTGGCCCTCTGGGCACTGGATCCACCAGTCTCAGCACCCAGGGAGCAGTGTGCTGCCACACAC
 AGGCCTTGCCAACTTGGAGAAAAGGCACATGGCACTCTCCACCACAGGTTGGAGCCATGGGGGCGCTCC
 TGGCGACTGTGCTGTTGTCACGCTGTGCTCACTCCAGTTTTCTGCTCAGGGTTGGAAGCAATTGCTG
 TCTCCCTTTATCCCTCACCATGACTCTGCCCTGGGCACAGTGCAGTCCCCTGGATGGGGAGGGAGCCC
 GGTGGGCCCCAGGGCTTAAGGAGCTTCAGGTGGCCTCTCTGCCTCTCCCTGCACCCAGCACAATCTGCA
 GAGATGAGGCGGGTGGCTGGATAGCCAGGCTTCATGGCAGGGGTTGCACAGGGCTGTCCCAACTGTAA
 CCCAGGCAGGGTGGGTCGGAAGCCTGGTCATAGCCAGCGGGGCCCTGTGTACAGACACATCTGCATTT
 TATCAATAAAGCCTTTGCTCCTCTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145500
Insert Size: 684 bp



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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:	<u>BC016129</u> , <u>AAH16129</u>
RefSeq Size:	1370 bp
RefSeq ORF:	684 bp
Locus ID:	226122
UniProt ID:	<u>Q91WB7</u>
Cytogenetics:	19 C3
Gene Summary:	May be involved in the regulation of cellular senescence through a positive feedback loop with TP53. Is a TP53 downstream target gene that increases the stability of TP53 protein by promoting the ubiquitination and degradation of MDM2.[UniProtKB/Swiss-Prot Function]