

Product datasheet for RN209799

Ubtd1 (NM_001013153) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ubtd1 (NM_001013153) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ubtd1
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN209799 representing NM_001013153
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAACTGCGTGGGGAGACAGCGCCGGGAGAGGCCGGCTGCTCCGGGACACCCCGCAAGCGAGCAG
 GTCGCAATGAGCCCTGAAGAAGGAGCGGCTCAAGTGAAGAGTGACTACCCCATGACTGATGGGCAGCT
 GCGGAGCAAGCGAGATGAGTTCTGGGACACAGCGCCTGCCTTCGAGGGTCGCAAGGAGATCTGGGATGCC
 CTCAAGGCTGCTGCCTATGCTGCTGAAGCCAACGACCATGAGCTGGCTCAGGCCATCCTGGATGGAGCCA
 GCATCACCTGCCTCATGGAACCTTTGTGAATGCTATGACGAGCTGGCAATCGCTATCAACTGCCCAT
 CTATTGCCTGTCACCGCCTGTGAACCTGCTGCTGGAGCACACAGAGGAGGAGAGCCTGGAGCCTCCTGAG
 CCCACCCCTAGTGTGCGCCGTGAATCCCACTGAAAGTGCCTCTCCACAGGCAAGGACGTGAGGCTCA
 GTGCCAGCCTGCCTGACACAGTGGGCGAGCTCAAGAGGCGAGCTGCACAGCCAGGAGGGCATTGAGCCATC
 CTGGCAGAGATGGTTCTTCTCTGGGAAGCTGCTCACAGACCGACAAGGCTCCAGGAGACCAAGATTCAA
 AAAGACTTTGTCATCCAGGTCATCATTAAACCAGCCCCACCACCCAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_001013153
 Insert Size: 684 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:	<u>NM_001013153.1</u> , <u>NP_001013171.1</u>
RefSeq Size:	1938 bp
RefSeq ORF:	684 bp
Locus ID:	309373
UniProt ID:	<u>Q68FV8</u>
Cytogenetics:	1q54
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]