

## Product datasheet for **MC218882**

### Utp18 (NM\_001013375) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Utp18 (NM_001013375) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Utp18
Synonyms:	6230425C22Rik; 6430513M13; Wdr50
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218882 representing NM\_001013375  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCGCCGAACGCAAGAGCCGGACGAGACGAGACCCGGAGACCGCGCAACGCCGGGGAGGAAAGCCA  
 GACCCGGGAGCGGCAGCACGCCCGCAAAGGCCGCCGTTTCATCCCAACGGACACAGCCGGCCGAGCCGAG  
 GGCGGCCCTAGCGCGGGATCCGCGCGCGCGCCGAGAGGAGGAGAGCCGGCTCCGGCAGCGGAAC  
 CGCCTGACGCTAGAGGACGATAAGCCGGCCGCCGAGCGTTGCCTGGAGCAGCTCGTCTTCGGCGATGTCG  
 AGGACGACGAGGACGCGCTGCTGCAGCGCTGCGGAGCTCGCGGGTTCAGCTACATGGAAGCTCAGATGA  
 ATCGGAAGTGAAATGAAGCAAAGACATTTTTTCTCAGAAGAAGAAGCAGCCAGTTGGTGGATGAA  
 GATGATGAAGATGAGGAAATAGTTGACATGTGCAACAATCGGTTTCGAAAGATAAATGAAAAATGCCA  
 GTGAAAGTAACTTTCAAAGATAAACTTCAAAGAGACTTAAAGAAGAATCCAGCATGCCATGGGAGG  
 AGTACCTGATTGGGCAGAAGCTGGGAGCAAGCGGAGGACATCTTCAGATGATGAAAGTGAAGAGGATGAA  
 GATGATTTGTTGCAAAGGACTGGGAATTCATCTCCACATCCACGCTCTTCCAAGAGGAATCTTGAAGA  
 TGAAGAACTGCCGGCCTGCCAATGCTGAACGGCAACCACTGCTCGGATCTCGTCACTGAGTCCATCC  
 TGGTGCACAGGTGGTATGGTCTCTGGGTAGATAATGCTATCTCCCTCTTCAGGTTGATGGCAAAACA  
 AACCTAAATCCAGAGCATCTATTTGGAGAAGTTTCCAATCTTAAAGGCTTGTTCAGTCTAATGGAG  
 AAGAGGTTTTAGCCACAAGTATGCACAGCAAGTTCTTTATGCTATGATATGCTAGCTGGGAAGTTAAT  
 TCCTGTACATCAAGTGAGAGTTTGAAGAGAAAACAGTGAAGCAGTTTGAAGTCTCCCAGATGGATCC  
 TTCTTGCTCATAAGCGGCATTGCAGGTTTTCTCACTTGCTATCGATGAAGACAAAAGAAGTATACCTATTC  
 GCATGAAGATTAATGGACGAATTGCGGCATCCACATTCTTTCAGATAGTAAGAGGATATATACCTATTC  
 TGAGAATGGAGAAGTTTATGTGTGGGATGTGAATTCAGGAAGTGCATGAACAGATTTCTTGATGAAGGC  
 AGTTTATGTGGATTGAGCATTGCTGCATCAAAGAATGGACAGTATGTGGCTTGTGTTCTAAGAGTGGAG  
 TGGTAAACATATACAATCAAGATTCTGCTCCAGCAAACAAACCCAAAGCCAATAAAGCAATAATGAA  
 TCTGGTACTGGTGTACTTCTTGGCCTTAAATCCTACCACAGAAATCTTGGCAGTGGCTTCAAGAAAA  
 ATGAAAGAAGCTGTCAGATTGGTTCATCTTCTTCTGTACAGTATTTCTAACTTTCCAGTTTTTAAAA  
 AGAGTACTCTTCTCGTGTCAAACCATGGATTTTTCTCCAGAGGTGGATACTTTGCCTTAGGGAATGA  
 AAAGGCGAGGCCCTGATGTATAGGTTGCATCATTACTCAGACTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001013375

**Insert Size:** 1659 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:**

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:** [NM\\_001013375.1](#), [NP\\_001013393.1](#)

**RefSeq Size:** 2613 bp

**RefSeq ORF:** 1659 bp

**Locus ID:** 217109

**UniProt ID:** [Q5SSI6](#)

**Cytogenetics:** 11 D

**Gene Summary:** Involved in nucleolar processing of pre-18S ribosomal RNA.[UniProtKB/Swiss-Prot Function]