

Product datasheet for **MC210469**

Ttc23 (NM_001168477) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ttc23 (NM_001168477) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ttc23
Synonyms: 1600012K10Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210469 representing NM_001168477
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGGAGTCCCAGGACACCCACATGTCCAGCCACCTAGACGAAGTCGTTGCTGCTGTCAGCGTCACTT
CTAAAAACAGGATCCCGAATAAGCTGCTTCAGACAGCACTGTTCCAGCCCCCTCGAGAGAACTCCACCT
GTGTGAGGAGAGACAAAGTCCTACTCCAGCAGCCGAGAGTACAACAGGCCATCCAGGAGCTTGTGCGC
TGTGTGGCACTAACAGAATTTGCTATGGCGACTGGCACTGGAACTAGCGGAGGCGTATGTTAATCTGG
CTCAGGGTTACCTGCAGCTGAAAGGGTTGTCACTACAAGCAAAGCAGCATGCAGAGAAAGCCAAGGAGAT
CCTGGCCAACTCCATCGAGAGTCCCTGTCAACAAAAACAGATATCTTCAAGTGTCCCTGGAGCTTTTC
TATACCTGGGGAGAGCGCTGCTCTCCCTTCAAAGTATCCTTTCCCTCTAGTCAACAGCAGAATGCAC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168477
Insert Size: 492 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).



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| 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_001168477.1, NP_001161949.1</u> |
| RefSeq Size: | 3629 bp |
| RefSeq ORF: | 492 bp |
| Locus ID: | 67009 |
| Cytogenetics: | 7 C |
| Gene Summary: | Participates positively in the ciliary Hedgehog (Hh) signaling.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (4) has a shorter and distinct C-terminus compared to 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. |