

## Product datasheet for **MC201641**

### Tmem14c (NM\_025387) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tmem14c (NM\_025387) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tmem14c  
**Synonyms:** 1110021D01Rik; AU020193; HSPC194  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC025854 sequence for NM\_025387  
 TCCTACAGCACAGGCCTCCCGGCTCCGGCTCCAGTGTGGTGGGTGCAGGCCTGGTGTGGTCT  
 CCAAAGCGACTGAACAATGCAGAAAGACAGTGGCCATTGATGCCTTTACATTATTTGGTTTCGGCTAT  
 GCAGCCCTGGTTGCTACCGGTGGGATTATTGGCTATGCCAAAGCAGGTAGTGTGCCGTCCCTGGCTGCTG  
 GACTCTTCTTCGGGGCCTGGCAGGCCTGGGGCCTACCAGCTGTCTCAGGATCCAGGAATGTGTGGGT  
 TTTCTAGCTACATCTGGGACCTTGCCCGAATTATGGGGATGAGATTCTACAACCTCGGGGAAATTTATG  
 CCTGCAGGGTTAATCGCAGGAGCCAGTTTGTGATGGTTGCCAAAGTTGGAATTAGTCTGTTGAGTTCAC  
 CTCATCCGTAACAGCTGTAACCCCGAGTGGGCTCGTGAAGACTTGAAGCTCTCCAGACCTCCACATTACA  
 ATGTTGAAGAGATAAGTGCAGCATATTTACATAGTGGGACGTTTTTCAAAGACCCACCCTGAGCACACT  
 GAGGCAACCATGTGCTGTTGCTGTGGTGACCATTATTAGAGGTGGCAAGCGTCCGACTTCAGCTCAGC  
 CTGCCTTCAGGCGGCTTCGTTATGATGCCTCGCCTTTCTGTACTCATAGCGGGGGTAAAAATGTTGACTGT  
 CAACACGGGGGTGGGGCAGAGCTGTGCGTCTGCCAGAAAGTGTGAAATCTCTTGGAGACATTGGTG  
 ATGTGGGATCTTTTGACAGGTCTGCTATGAAATTATGTTACAGTGACATTATCAGTGAAATAAAGTTT  
 TCTATTAAGAACAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_025387

**Insert Size:** 345 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).



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**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:** [BC025854](#), [AAH25854](#)

**RefSeq Size:** 868 bp

**RefSeq ORF:** 345 bp

**Locus ID:** 66154

**UniProt ID:** [Q9CQN6](#)

**Cytogenetics:** 13 A3.3

**Gene Summary:** Required for normal heme biosynthesis.[UniProtKB/Swiss-Prot Function]