

## Product datasheet for MC201730

### Tmem140 (NM\_197986) Mouse Untagged Clone

#### Product data:

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Tmem140 (NM_197986) Mouse Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Tmem140                                  |
| Synonyms:                 | 1110007F12Rik                            |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |
| Fully Sequenced ORF:      | >BC023802 sequence for NM_197986         |

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CCACGCGTCCGCGGACGCGTGGGCGACTGCCTGCGAGTGCAGGCAGAGCCCAGGAGCTCTGAGCTGTCTG
CTTGACAGTTCTCTCCTCTGCCCTGGTTTCTGGAGCCTGACTTTAGAAAGCAGCCCAGGAGAAGATCGAC
TCCCCAGACAGACGCTGATTTCCCTGTGTACCTTTTGATGAGTGTTCCTGGGCTCCAGCGTTGGTTTTTG
TCTCCCTGCAACAGCAGAAGATATGGCCTTCTCCAGGCTGTGGCGGAACAACCACCTGCCCTTCGTGGGC
ATCATGATCCTCTTGGCCGCGGCCCTGTGCCTGATGTTCTACGCTCTCCTCTGGAAGGCTGGCAACCTCG
CTGACCTACCTAGCCTGAGAATCGGCTTCTACAACCTCTGTCTGTGGAAGGAGGACATGGGCTCCCTAGC
ATGTTACAACCTTCCCGAGCTGGACGTGCTGGGCATTCTCAGGTTGGACTAGCCCTGGCCAGGCTCGGT
GTGTATGGAGCCCTGGTCTCACAGTGTTCGTCCCTCTGCCTCTCCTCTGCCCAGTACAACAGAGATG
AGGGAGAGTGGCGGCTGGCCGTGTGCTTCTGGCGGCATCCTCCATTCTGTTGGCCGGAGGACTAAGCCT
CTTCCTCTCCTTCGTGTGGAAGTGGCTCAGGCTCTCCTTCTGGGGCCTGCCTTGCCAGCTCTATGCCTA
GCCCAGCTGTTACTCATCTTCTTGCTTGTGGCCACGGTTAGGTTCCCGCCACGGGATAAGGAGGACAAGA
ACCAAGTGGGAGAACTGTTAGTCCGGTCTTACAAAGGCTTATTATGGGATTGCAAGGGTTCGGTTCCAAC
GTGCTCCAAGAAGGTGCCAGAGGACCTGTGCTGAGTAGTCTTCTCAGTCACCCTGTGTCATAGCTAATG
TTGATCTCCAGCACAGCAGAGGGGACCACTCACTGTGCAGACGGGCTGTGGTGTCAAGGAACCCAGAGGC
GGCTTGGAGGGCTGGGGTACCTGCAGTTTCTTAGGGTACCATGTAGCTCATTAGCACAGGGATTCTATA
GTCCCAGGCAGGTGGGAGTCTGTGAGAGCCAACTTCCAAGCTATCTTGGCAAAGTGTCAAACCTAGAAC
TCTGTGATGGTTATGGCAACAAATGGGATGATTAGGGGAAAAACAAAAACAAACAAAGCAACCTGC
TTTAACACCGAGTCTGTGAGCAAAAGAGAAGCCTCACTGGCTTTTAGGGTCCCCTGAAGGGGTCCCT
GGACCTGACAGCAAAACAGGAATCAGCTGTTAAGCCATCCTCGTGACCCAGGGATGCAGACGCAAAATGTG
TCAACTCTGGAAGGTGAACAGGATTGAATAGTCGTACAAACACACACCGTGTCCCTCACCTTACCCA
GAACTGGAAGGCAGAAAGCATGGTCTTTATTATGCATCGCGGCATCAGTATATATTTTGTTCAGTGCCT
GTATATCAGAAAACCTACGTGGCAATGAGTTCTTATTCTGTGCTCATCAAAAGCCAAAGTGAATATAAA
GAAACCTGGAAAAA
  
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Restriction Sites: RsrII-NotI


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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_197986                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Insert Size:</b>           | 558 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                    |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq:</b>                | <u><a href="#">BC023802</a></u> , <u><a href="#">AAH23802</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 1565 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 558 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>              | 68487                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>            | <u><a href="#">Q8BGY5</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>          | 6 B1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |