

## Product datasheet for **MC202140**

### Tesmin (NM\_001039657) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tesmin (NM\_001039657) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tesmin  
**Synonyms:** Mtl5; tesmin  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024377 sequence for NM\_001039657  
 GTCCAGCCTCTCAGAAGCAAGGCGAGCTGGACGGCCGCTGCTGTGCTGTTCTCGGGTCCCAGTGGCCA  
 TGGAGGACGCGCTGCTCGGCGCCATGACTGGCCCCGAAGACGAGCTGGGCGCCGAGCTGTTCCGGTTCAGA  
 GCGTGTGTTTCGCGGACGGGCTGGCGCTGAGCCCCGACGGCGGTGCGGCCATCGGGATGAGTTGCCCGTT  
 CTGGCCGACGCCTACCTGGGCGCCACCGAGCCAGGGGAGCCGCTGCTGCGTGCCTCAGCCCCCGCGG  
 GCGCTGAGGTACCGGCCGCTGCTCGGCGACTTCCCGGGGCTGCCGAGCTCCGACGCCAGACGACGC  
 CGCTCCGCTCCCGCCTACAGCGTGACAGTGTATCGTGTACTTCCCGGTGCTCGCGGCCGCGCTG  
 TTGCCGTAAGCGCAGGAGTGCGCGTGATCCCAGTTGAAATCAAAGAAGCAGGTGGTAGTGCCAGGCG  
 GCAGCCCTGAAGACGCAGCTTCCAGGCCCTCTGGCTCAGGAATCCTGTTGCAAGTTCCCATCATCCCA  
 GGAGGCAGAGGAGCCTCCAGCTGCCCTCGAAGAAAGACTCCAGCCCCATGGTGATTTGTCAGTGAAA  
 GGAGGCGCCAGATGCTCTGCATAGACAACTGTGGCGGAGGGAGCTCAAAGCGCTCCATCTGCTTCCCTC  
 AGTACGATGACCAGAGCAGTTTCCCTCAGTCAGAGCTCCCTAAGCCAATGACAACTTAGTGGGAAGACT  
 TCTGCCAGTACCAGCAAGTTAAATCTCATCACACAGTTGATAATGGAGCTCTCCCATCAGCTGTCAAT  
 GGGGCTGCCTTCCCTCTGGACCTGCTCTGCAAGGGCCACCCAAAATAACTCTGTCTGGGTACTGTGACT  
 GCTTCTCCAGCGGGGACTTCTGCAACAGCTGCAGCTGCAACAACCTGCGCCATGAGCTCGAGCGCTTCAA  
 AGCCATAAAGGCGTGTCTTGATAGAAATCCTGAAGCTTCCAACCAAAAATGGGGAAAGGCCGCTGGGA  
 GCTGCTAAACTTCGACACAGCAAAGGTGCAACTGTAAGCGCTCAGGCTGCCTGAAGAACTACTGTGAGT  
 GCTATGAGGCCAAAATCATGTGTTCTTCCATTTGCAATGCATTGCTTGCAAAAATAATGAAGAAAGTCC  
 AGAACGAAAAATGCTGATGAGCACACCCCACTACATGGAGCCTGGGGACTTTGAGAGCAGCCATTATTTG  
 TCCCCAGCCAAGTTCTCAGGACCTCCAAAAGTGAAGAAAAATAGGCAGGCCTTCTCTGTATCTCCTGGG  
 AAGTAGTGGAGGCCACATGTGCCTGCTGCGCCAGGGTGAGGAAGCAGAGCAGGAGCACTGTTCCCC  
 AAGCTTGCTGAGCAGATGATCCTGGAGGAGTTTGAAGGTGCCTGTGCGAGATTCTCCACATCGAGTTC  
 AAGTCCAAGGGGCTGAAAATTGAGTAGCGTGCAAGCTGGTAAAGGGGAATGCCTGTGGCAAGCCTCAGCC  
 CTGGGAATCTGCACCGAGGAAGCTGGTGCCAGGGAGGAGCAGAGGCCGCGCATCATGGCCAGGTGAGCT  
 GTGAGGTCTGAGTGTGATGCTGATGTTACTGGCCAGCCTACTCAAGGTATCCTAAAGTGAAGCAGGCAGAG  
 CCACCCTGGGGATGGACTGCCCCTCCTGCTCCCTGGGGAGGCCCTCTGGGGACTCCCTGCCCTGCATAA  
 AAAGAGGTGATTTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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|-------------------------------|---|
| <b>Restriction Sites:</b>     | RsrII-NotI  |
| <b>ACCN:</b>                  | NM_001039657  |
| <b>Insert Size:</b>           | 1428 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>RefSeq:</b>                | <u><a href="#">BC024377</a></u> , <u><a href="#">AAH24377</a></u>   |
| <b>RefSeq Size:</b>           | 1793 bp   |
| <b>RefSeq ORF:</b>            | 1428 bp   |
| <b>Locus ID:</b>              | 17771   |
| <b>UniProt ID:</b>            | <u><a href="#">Q9WTJ6</a></u>   |
| <b>Cytogenetics:</b>          | 19 A  |
| <b>Gene Summary:</b>          | May have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]<br>Transcript Variant: This variant (1) encodes the longest isoform (a).   |