

Product datasheet for **RN206721**

Tesmin (NM_001012069) Rat Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Tesmin (NM_001012069) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Tesmin |
| Synonyms: | Mtl5 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >RN206721 representing NM_001012069
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGACGCGCTGCTCGGCGCCATGACTGGCCCCGAAGACGAGCTGGGCGCTGAGCTGTTCCGGTCCGG
 AGCGTGCCTTCGCGGACGGGCTGGCGCTGAGCCCCGCGGGGGTGC GGCCGATCGGGATGAGCTGCCGGT
 GCTGGCCGACGCCTACCTGGGCGCCACCGAGCCGGGGAGCCGCTGCTGCGTGCGCTCAGCCCCCGCCG
 GGCGCTGAGGTACCGGCCGCTTCTGGCGACTTCCCGGGGCTGCCGAGCTCCGAGCTCAGACGACG
 CCGCTCCGCTCCGCTACAGCGTGCAGTGTGCTGCTGTTACTTCCCGGTGCTCGGGGCCCGCGCT
 GTTGCCGTAAGCGCCGAGTGC GCGTGATCCAGTAGAAATCAAAGAGGCAGGTGGCGGTGCCAGGC
 AGCAGCCCTGAAGATGCAGCTTCCAGGCCCTCTGGCTCAGGAATCCTGCTGCAAGTTCTCATCATCCC
 AGGAGGCAGAGGAGCCCTCCGGCTGCCCTCGGAAAAAAGACTCCAGCCCCATGGTATTTGTCAGCTGAA
 AGGAGGTGCCAGATGCTCTGCATAGACAACACTGGTGCAGGGAGCTCAAAGCGCTCCATCTGCTTCTCT
 CAATATGATGACCAGAGCAGTTCACCAATCAGAGCTCCCTAAGCCAATGACAACCTTTAGTGGGAAGAC
 TTCTGCCAGTACCAGCAAAGTAAATCTCATCACACAGGTCGATAACGGAGCTCTCCCATCGGCTGTCAA
 TGGGGTCTTTTTCCCTCCGACCTGCTCTGCAAGGCCACCCAAAAATAGCTCTGGCTGGGTACTGTGAC
 TGCTTCTCCAGTGGGGACTTCTGCAACAGCTGCAGCTGCAACAACCTGCGCCACGAGCTCGAGCGCTTCA
 AAGCCATTAAGGCGTGTCTTGATAGAAATCCTGAGGCTTTC AACCAAAAAATGGGGAAAGGCCGGCTGGG
 AGCTGCTAAGCTTCGACACAGCAAAGGGTGCAACTGTAAGCGCTCAGGCTGCCTGAAGAACTACTGTGAG
 TGCTATGAGGCCAAAATCAGTGTCTTCCATTTGCAAATGCATTGCTTGCAAAAACTATGAAGAAAGCC
 CAGAGCGAAAAATGCTGATGAGCACGCCCCACTACATGGAGCCTGGGGACTTTGAGAGCAGCCACCATCT
 GTCCCCAGCCAAAATTCTCAGGACCTCCAAGACTGAGAAAAAATAGGCAAGCCTTCTCCTGTATCTCCTGG
 GAGGTAGTGGAGGCCACATGTGCCTGCCTGCTGGCCAGGGTGGAGGAGCAGAGCAGGAGCGCTGCTCTC
 CAAGCTTGGCTGAACAGATGGTCTGGAGGAGTTCGGAAGGTGCCTGTGCGAGATTCTCCACATCGAGTT
 CAAGTCCAAGGGGCTGAAAATTGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001012069
- Insert Size:** 1428 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_001012069.2](#), [NP_001012069.2](#)
RefSeq Size: 2071 bp
RefSeq ORF: 1428 bp
Locus ID: 309142
UniProt ID: [Q5XHX9](#)
Cytogenetics: 1q42
Gene Summary: May have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]