

Product datasheet for **MC200682**

Timm50 (BC010303) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Timm50 (BC010303) Mouse Untagged Clone
Tag: Tag Free
Symbol: Timm50
Synonyms: 2810403L02Rik; AU015082; TIM50L
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010303
GGCGGCTCTGTTCTCGCGCTTGGGAGCGGGCTCCGGGTAGGCGCGCGGGGGCTGTGCACGCGGCTAGCG
CCGCCACCTCCCGCACTCCCGAGCAGGTCACTGAAATTGCCAACCGTGGGGCTCCAAGCCCAGGGGC
CACAGCACCCAGCCAGGCTCCGAGGGTCCCAGCTATGCCAAAAAATTGCGCTCTGGATCGCCGGTTTGCT
CGGAGCTGGTGGGACTGTGAGCATCGTCTATATTTTTGAAACAACCCTGTGGATGAAAATGGTACCAAG
ATTCTGATGAATTCGACAGCGATCCAATTCTGGTTCAGCAGTTGCGCCGGACATACAAATACTTCAAAG
ATTACAGACAGATGATCATCGAGCCCACAGTCCCTGCCTTCTCCAGACCCTCTGCGGGAGCCCTACTA
CCAGCCACCTTATACACTGGTCTGGAGCTTACCGGGTCTTCTGCACCCAGAGTGGTCTGCGCCACT
GGCTGGAGGTTTAAAGAGCGTCCAGGCATCGAGACCTTGTCCAGCAGCTTGCCCTCTGTATGAAATAG
TCATCTTACATCAGAGACTGGCATGACTGCATTTCCACTCATTGATAGTGTGGACCCTCACGGTTTCAT
CTCCTACCGTCTGTTCCGGGACGCCACCCAGATATATGGAGGGACATCATGTGAAGGACATCTCCTGTCTG
AATCGGGACCCAGCCCGAGTAGTAGTCGTGGACTGCAAGAAGGAAGCTTCCGCCTCCAGCCCTCAACG
GTGTTGCCCTGCGGCCCTGGGATGGCAACTCAGATGACCGGGTCTTGTGGACCTGTCTGCCTTCTCAA
GACCATTGCACTGAACCAAGTGGAGGACGTCGGGACGGTCTGGAGCACTATGCTCTAGAGGATGACCCA
CTGGAGGCATTCAAACAGCGGCAGAGCCGGCTTGGAGCAGGAGGAGCAGCAGCGCCTGGCCGAGCTTCCA
AGTCCAACAGGCAGGGCCTCTCCTTTGGCTCACTCGCCAGCCGACTGTGGCCTCGCTCCAAGCAGCCCTG
ACTTCTAGGCTTCTCAGAGACTTGATGCCTGAGCCTTGGGCCCCAGCCCTTACACGGCAAAGTGTGGAC
AGCTATGTGTCCAATAAAGCGAGTCCCAGATGCCACAATGCCTGTGTCCAGAGTCCAGATGGGGCACTGG
GGTGGAGTCTGGACTCGGTCGTCATTACAGTACTGAGCACCACAGGGCTGGGTGCCATGAGTGC
CTCGTTGGAGTGGGGCTCTGCCAGCCTGAAACTGAAAACCTGGGTTTCTGCTGCACATGTCTTCCATA
TACTCTATGAGTTGGCAAAGAAAAGCCCTCTCTCTCCTCCTCTTCTCTGCTCTGGACTCCTTG
TGTGCTGTAGAAATAAGAGAAGTCTGGCCTCTGGGGAGCCGCTCGAGGGCTGTGAGCCTAAAAA
AAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC010303



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Insert Size:	690 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:	<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>BC010303</u> , <u>AAH10303</u>
RefSeq Size:	1487 bp
RefSeq ORF:	690 bp
Locus ID:	66525
Cytogenetics:	7 A3
Gene Summary:	Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Has some phosphatase activity in vitro; however such activity may not be relevant in vivo. [UniProtKB/Swiss-Prot Function]