

## Product datasheet for **MC203710**

### Tmsb4x (NM\_021278) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tmsb4x (NM_021278) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmsb4x
Synonyms:	Ptmb4; Tb4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC018286 GACTCTCCTCGTTCGCGCAGCTCGCTCGGCTCCTTCCAGCAACCATGTCTGACAAACCCGATATGGCTGA GATCGAGAAATTCGATAAGTCGAAGTTGAAGAAAACAGAAACGCAAGAGAAAAATCCTCTGCCCTCAAAA GAAACAATTGAACAAGAGAAGCAAGCTGGCGAATCGTAATGAGGGCAGCGCCGCAATATGCACTGTACA TTCCACGAGCATTGCCTTCTTATTTTACTTCTTTTAGCTGTTTAACTTTGTAAGATGCAAAGAGGTTGGA TCAAGTTTAAATGACTGTGCTGCCCTTTCACATCAAAGAATCAGAACTACTGAGCAGGAAGGCCTCCCC TGCCTCTCCACCCATCTGATGGTCTGGCTAGCAGAGAGGAAAAGAAGTGCATGTTGGTGAAGGAAAA AGCTGGTGGGAGATGATGAAATAGAGAGGAAAATTCAGATGGTCAAAGATGCTCCTGCAGGATGTAAAA TGCAGTTAATCAGAGTGCCATTTTTTTTTTTGTTCAAACAATTTAATTATTGGAATGCACAATTTTTTT AATATGCAATAAAGTTTTAAACCTGAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_021278
Insert Size:	135 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:** [BC018286](#), [AAH18286](#)

**RefSeq Size:** 603 bp

**RefSeq ORF:** 135 bp

**Locus ID:** 19241

**UniProt ID:** [P20065](#)

**Cytogenetics:** X 78.28 cM

**Gene Summary:** Plays an important role in the organization of the cytoskeleton. Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization.[UniProtKB/Swiss-Prot Function]