

Product datasheet for **SC120201**

TMEM203 (NM_053045) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM203 (NM_053045) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM203
Synonyms:	HBEBP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120201 sequence for NM_053045 edited (data generated by NextGen Sequencing) ATGCTCTTCTCGCTCCGGGAGCTGGTGCAGTGGCTAGGCTTCGCCACCTTCGAGATCTTC GTGCACCTGCTGGCCCTGTTGGTGTCTCTGTGCTGCTGGCACTGCGTGTGGATGGCCTG GTCCCGGGCCTCTCCTGGTGAACGTGTTCTGTCCTTTCTTCGCCGCTGACGGGCTCAGC ACCTACTTCACCACCATCGTGTCCGTGCGCCTCTCCAGGATGGAGAGAAGCGGCTGGCG GTGCTCCGCTTTTCTGGTACTTACGGTCTGAGTCTCAAGTTCGTCTTCGAGATGCTG TTGTGCCAGAAGCTGGCGGAGCAGACTCGGGAGCTCTGGTTCGGCCTCATTACGTCCCGG CTCTTCATTCTCCTGCAGCTGCTCATGATCCGCGCCTGTCGGGTCAACTAG

Clone variation with respect to NM_053045.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_053045 unedited TCAGAATTTGTAATACGACTTCACTATAGGGCGGCCGGAATCGGCACCAGCCGATCGAG GCGGGCGTTACGGGGCGGCCAGGGTTGAGTCCCGGGTCGGGGCCGGGGATTGCCGGCGC ATCAGGGCCGAGGGCTGGGGCTGGCGGGCCGCTCGCTGCCTCTCGCTCGCAGCAGCGGC GGCAGGCGCGGGCAGGGCCACGGGGAGAGGACGCAGCCCCGGGTGGCACGCTCGG CCGGCCCCCGCCCGCTCAACGGGCGCGATGCTCTTCTCGCTCCGGGAGCTGGTGCAG TGGCTAGGCTTCGCCACCTTCGAGATCTTCGTGCACCTGCTGGCCCTGTTGGTGTCTCT GTGCTGCTGGCACTGCGTGTGGATGGCCTGGTCCCGGCCCTCTCCTGGTGAACGTGTT GTGCCCTTCTTCGCCGCTGACGGGCTCAGCACCTACTTACCACCATCGTGTCCGTGCGC CTCTCCAGGATGGAGAGAAGCGGCTGGCGGTGCTCCGCCTTTTCTGGTACTTACGGTC CTGAGTCTCAAGTTCGTCTTCGAGATGCTGTTGTGCCAGAAGCTGGCGGAGCAGACTCGG GAGCTCTGGTTCGGCCTCATTACGTCCCCGCTCTTATTCTCCTGCAGTGTCTATGATC CGGCCTGTCCGGTCAACTAGCCTACCGAGGTGCCGGAGAGGGAGCGCTGGACTAGTA ATGTTGACCTCGAGCCGAGGCCCTACTTGCAGCGCACCGAGGAGAGGCTCTCTAGTCTG AAGCACC GCCGGTTGCGCCGAGCTGAGTGCCGGTTTTCTATTCCAATCCTGTTNTGAA TGGTTTCTCAGCAGGGCTAAAGAGCAGCCTTATCCTGAAATGTATTTCTTTTTGTT ATGCTTTGAGTAGATATCTGAATTTGAGTCATGAGAGGCCCCCCAGGCCAGACAGTCTG AACCTCTGAACTTGAACCTGATA
Restriction Sites:	NotI-NotI
ACCN:	NM_053045
Insert Size:	1750 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:	NM_053045.1 , NP_444273.1
RefSeq Size:	1576 bp
RefSeq ORF:	411 bp
Locus ID:	94107
UniProt ID:	Q969S6
Cytogenetics:	9q34.3
Protein Families:	Transmembrane

Gene Summary:

Involved in the regulation of cellular calcium homeostasis (PubMed:25996873). Required for spermatogenesis (PubMed:25996873).[UniProtKB/Swiss-Prot Function]