

Product datasheet for **SC303451**

TMSB4Y (NM_004202) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMSB4Y (NM_004202) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMSB4Y
Synonyms:	TB4Y
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_004202 edited TGGGGTTGCTCCCTACGGCTTCCTCCGCAGCCATGTCTGACAAACCTGGTATGGCTGAGA TCGAGAAATTCGATAAGTCGAAACTGAAGAAGACAGAAACGCAAGAGAAGAATCCATTGT CTTCCAAAGAAACTATCGAACAGGAGAGGCAAGCAGGCGAATCTTAAACAGGCATGTGCC ACCAATATCTACTGTACATTCTACAAGCATTGCTTTCTTATTTTACTTCTTTTACTTGT TAACCTGGTTAGATGCAAACACGTTGGATGAGTTTGAAGGACTATGCTGCCCTTTGAC ATCAAAGACCTGCTGACAATGGAGGCCACGCCTGCTTCTCCATCGCCTGTCTGGCTGGC AGGGAAGGAAAATAGCTTGAATGTTGGTGAAGACTTAGCGGAGTGGGAGGGCAGTGAAA TCTAGAGTAAAACCAAGTTGGGCCAAGTGCCTGCAGAACTAAAATGAAGTTAATCAG CGTGCCATTTTTGTTGTTGTTGAAAGATTTAATTTTTGGAATGCACAGTTTTTATTTA AAAAAGACATTTTTAAACCACTGCTTGTGAGATTGCTTGTGATTGGAAAGAGTGTTTA TTCACCATTTAAACGTTTGCAAAGTGGCGTGCCCTTGGCCTCACAGGCAAGAATAACT TAAAAGCTGACGATTTGAATAAATTATGTTACAGTATGAAATATGTTTTACCTGGATATG TAAAATACCTTCTTTATTCTAGCTAATTGGGAGATGATTTTTTTGGCTAATTGAGATTA CCTTTAGATTAATGTTTTCAAACCTGGCTTATACTGTAATCTACAATAAAGCACTAAT TTAGAGTTCAGCTATATTGTTGCATGTAGTGAGAAGGGACTTAATTACAACTTAAGACG TAAGTGTGCAATAAAGTAAGCTAAGAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAATAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_004202
Insert Size:	1000 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>NM_004202.2</u> , <u>NP_004193.1</u>
RefSeq Size:	1702 bp
RefSeq ORF:	135 bp
Locus ID:	9087
UniProt ID:	<u>O14604</u>
Cytogenetics:	Yq11.221
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	Regulation of actin cytoskeleton
Gene Summary:	This gene lies within the male specific region of chromosome Y. Its homolog on chromosome X escapes X inactivation and encodes an actin sequestering protein. [provided by RefSeq, Jul 2008]