

Product datasheet for **SC315206**

TEX2 (AL834251) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEX2 (AL834251) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEX2
Synonyms:	HT008; TMEM96
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AL834251, the custom clone sequence may differ by one or more nucleotides

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ATGACAAGTCTGTATGGTCGCCATGCCGAGAAAACCACTGACATGCCAAAACCATCAGCC
CCTAAAGTGACGTGCAGAGGTCCGTGTCCCGAGATACCATCGCCATTCACTTCTCGGCA
TCCGGCGAGGAGGAGGAGGAAGAGGAGGAGGAGTTGAGGAGTACTTTGAGGAGGGGCTG
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GTTGGCCATGACCCCGCGGCCCGCTGCCTCGCTGCTGCGAGATGGACTGTCCGTG
TCCAGGGCCCTGCCATTTTGGCCGTCTCCAAGAACACTGTAAAGCTGTTGGAGTCCCCT
GTTCCAGCAGCACAAGTATTAAGTACAGTGCCATTGGCTGTGTCCCAGGGTCTGTTCTG
TCGGGGCCCTTAGCTAGCTCTCCAGTGTGTATCCCTTTCTGAGCAGAAAACAGTTCT
TCCTCCCCATTGTCTCTCTTCTAAGTCTCCCATCTCTCATCCAGTGCCTCAACCTCC
ACCTTTTCCAGTGCAAAACCTTCATGAGCCTTGTGAAGTCCCTGTGACCGAGGTGGAG
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ATCAAAGAACCTGAAATACTGAAGGGATGGATGAATGAGATTTACAACATGATCCAGAA
ACCTACCATGCGACTTTGACACATTCAGTCTTTGTTGACTTGAGGGTGGAACTTAAGA

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CTTTCAAAGCCCAATAAAAAATATATCCAGGAGGGCCAGCTACAATGAACCCAAGCCAGAG
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AAAACCTTTGGCTCGAAAGCGAATCTGGAATAAAAAGTACCTCATTTGTATCGAGCTTGGT
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GCCCCAGAGCCCAGCGGGGAGACAAACAGCTCCTCCAGGGGCTGAAGGGTACGTTGGA
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CAAAAAGCAACAGAGACAGAGTTTATTAAGAAGATCGAAGAAGTCTCCAACACACCC
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CCCCGACTGACCGAGTATGGTATGGTTTCCGAAAGCCACACATGTGGAGCTGAAAGCT
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ACTATAATGCACTCAGCCATGGACCCTCGCTCTACTTCTGCCTCCTGAAAGACCCACCT
GTGGAGGCTGCTGATCAGCCA
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Restriction Sites:	Please inquire
ACCN:	AL834251
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:	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: AL834251.2, CAD38927.1

RefSeq Size: 4772 bp

RefSeq ORF: 4772 bp

Locus ID: 55852

Cytogenetics: 17q23.3

Protein Families: Transmembrane

Gene Summary: During endoplasmic reticulum (ER) stress or when cellular ceramide levels increase, may induce contacts between the ER and medial-Golgi complex to facilitate non-vesicular transport of ceramides from the ER to the Golgi complex where they are converted to complex sphingolipids, preventing toxic ceramide accumulation.[UniProtKB/Swiss-Prot Function]