

## Product datasheet for **SC305321**

### TEX14 (NM\_031272) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TEX14 (NM_031272) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEX14
Synonyms:	CT113; SPGF23
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031272, the custom clone sequence may differ by one or more nucleotides

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ATGTCTCGGGCTGTTTCGCTTCCAGTCCCCTGTCTGTTCAACTTGGTACCTTAAGAAAT
GACTCCCTGGAAGCTCAGCTTCATGAGTATGTCAAACAAGGGAACATGTGAAAGTGAAG
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GACCTCCTGAAGAAGATAGACTCCCCGACGCGGCTTGTCTACAGCCCGTCTGGTGTGGG
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TCTGCTCAAAATATCTACAGCTTTGGTTTTGGGAAGTTTTATCTTACTGGGGCGACACAG
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GAGAGCCCAGAGTGCAGAGATACGGACTCCATCCCGATGTCAATGTCTATCTAGGACTG
ACTTCAGAACACCCAGAGAGACACCTGACATGGAAATCATAGAATAAAGGAAATGGGC
AGTCAACCTCATTACCAAGGGTCACTCTTTATTCAGTGGGGGACACTAGATCCTCAG
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GCCCCAGATCCATGTCTGATGGCCAGGGAGACTCAGAATCAAGATGCTCCTTGCCCTGCT  
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 GAAATCAACGAGATCTACTCAGGCTGCTTGATTTTGGAAAGATGACATAGAAGAGCCTCCA  
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 CAGCAGGGCTCATCCACGGTGTGATGAGAACACAGCAAGTGTGGAGGAGGACTGCA  
 AATGATCAAAGGCACTTAGAAGAACAAGAACTGACAGTAAAAAAGAAGATAGTAGTATG  
 CTTTTGTCCAAAGAACTGAAGTCTTGGAGAGGACACAGAGAGCTCACTCTACTCTG  
 GATGAGGACCTGAAAGATGGCTGCAGCCACTGAGGAGAGCGTGGAGCTACAAGACCTT  
 CCCAAGGGCTCTGAAAGGAGACAAATATCAAAGATCAAAAAGTTGGTGAAGAGAAAAGA  
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 ATAATCGTGTGGATCAGAGTACTTGTGACTGAGTGA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_031272

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_031272.3</a> , <a href="#">NP_112562.3</a>
<b>RefSeq Size:</b>	4825 bp
<b>RefSeq ORF:</b>	4356 bp
<b>Locus ID:</b>	56155
<b>UniProt ID:</b>	<a href="#">Q8IWB6</a>
<b>Cytogenetics:</b>	17q22
<b>Protein Families:</b>	Protein Kinase
<b>Gene Summary:</b>	<p>The protein encoded by this gene is necessary for intercellular bridges in germ cells, which are required for spermatogenesis. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 5' end of an exon and lacks an alternate in-frame exon compared to variant 3. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform c.</p>