

## Product datasheet for **SC106670**

### TSSK6 (NM\_032037) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TSSK6 (NM\_032037) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TSSK6  
**Synonyms:** CT72; FKSG82; SSTK; TSSK4  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_032037 edited  
 AGTGTGCACATGGGGGTGCGGGGTGTAGGTGCCAAGCGCCATGGCTTAGACCCGAGATT  
 GGAGTCCGGCCGCCCCCGACAGCAGCCGCTCCTGCCCCCGTGCGCCCTAGGCGCCAC  
 CATGTGCGGAGACAAACTTCTGAGCGAACTCGGTTATAAGCTGGGCCGACGATTGGAGA  
 GGGCAGCTACTCCAAGGTGAAGGTGGCCACATCCAAGAAGTACAAGGTACCGTGGCCAT  
 CAAGGTGGTGGACCGGGCGGAGCGCCCCGGACTTCGTCAACAAGTTCCTGCCGCGAGA  
 GCTGTCCATCCTGCGGGGCGTGCACACCCGCACATCGTGCACGTCTTCGAGTTCATCGA  
 GGTGTGCAACGGGAACTGTACATCGTGATGGAAGCGGCCGCCACCGACCTGCTGCAAGC  
 CGTGCAGCGCAACGGGCGCATCCCCGGAGTTCAGGCGCGGACCTCTTTGCGCAGATCGC  
 CGGCGCCGTGCGTACCTGCACGATCATCACCTGGTGCACCGCGACCTCAAGTGCGAAAA  
 CGTGCTGCTGAGCCCGGACGAGCGCCGCTCAAGCTCACCGACTTCGGCTTCGGCCGCCA  
 GGCCCATGGCTACCCAGACCTGAGCACCACCTACTGCGGCTCAGCCGCCTACGCGTCACC  
 CGAGGTGCTCCTGGGCATCCCCTACGACCCCAAGAAGTACGATGTGTGGAGCATGGGCGT  
 CGTGCTTACGTATGGTCAACGGGTGCATGCCCTTCGACGACTCGGACATCGCCGGCCT  
 GCCCCGGCGCCAGAAACGCGGCGTGTCTATCCCGAAGGCCTCGAGCTGTCCGAGCGCTG  
 CAAGGCCCTGATCGCCGAGCTGCTGCAGTTCAGCCCGTCCGCCAGGCCCTCCGCGGGCCA  
 GGTAGCGCGCAACTGCTGGCTGCGCGCCGGGACTCCGGCTAGAAGCCGGGTGGTTCAG  
 CCATTCTGCAGCAAGGGCACTGGGCCAGGGCGGCGCACGCGCAAGAGGCGCGCTTCGA  
 GGGAATATGCGAAGCTGCCGCTGCTGCTGCACATGCGCTTTTTCCCTCCGCTTCCCTC  
 CCTTTCTCCACGGGGAGTCCGCAAGTTCGCTTGTTCGGAATCCACGTTCCCCCGCAT  
 CCCGGGAGCTGGAGGCGCATGCGCATCCGCGATTCCCTGCGACCAAGGCCCGAGAGGGCG  
 AGACCAGAGGGGACGGAAGCATTGCGCCTGCGCGGAACTCTCAGCCTCTGCGCGGAGGGC  
 GTCCCTTCCCAACCAGCCGTGGGTGCCAGGTTCCCGGTTGGAACCTGCAATAAACTCGCT  
 GTTCTCACAAAAAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_032037 unedited GGCCCAGTTCAAATTTGTAACGACTCACTATAGGCGGCCGCATAACTTCGTATAGCATA CATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAG TGTGCACATGGGGGTGCGGGGTGTAGGTGCCAAGCGCCATGGCTTAGACCCGAGATTGG AGTCCGGCCGCCCCCGACAGCAGCCGCTCCTGCCCCCGTGCGCCCTAGGCGCCACCA GTCCGGGAGACAACTTCTGAGCGAACTCGTTATAAGCTGGGCCGCACGATTGGAGAGG GCAGCTACTCAAGGTGAAGGTGGCCACATCCAAGAAGTACAAGGGTACCGTGGCCATCA AGGTGGTGGACCGCGGCGAGCGCCCCGGACTTCGTCAACAAGTTCCTGCCGCGAGAGC TGTCCATCCTGCGGGCGTGCACACCCGCACATCGTGCACGTCTTCGAGTTCATCGAGG TGTGCAACGGGAACTGTACATCGTGATGGAAGCGGCCGCCACCGACCTGCTGCAAGCCG TGCAGCGCAACGGGCGCATCCCCGGAGTTCAGGCGCGGACCTCTTTGCGCAGATCGCCG GCGCCGTGCGCTACCTGCACGATCATCACCTGGTGCACCGCGACCTCAAGTGCGAAAACG TGCTGCTGAGCCCGACGAGCGCCGCTCAAGCTCACCGACTTCGGCTTCGGCCGCCAGG CCCATGGTACCCAGACCTGAGCACCACCTACTCGGCTCAGCCGCTACGCGTCACCCG AGGTGCTCCTGGGCATCCCCTACGACCCCAAGAGTACGATGTGTGGAGCATGGGCGTCGT GCTCTACGTCATGGTCACCGGGTGCATGCCCTTCGACGACTCC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_032037
<b>Insert Size:</b>	1350 bp
<b>OTI Disclaimer:</b>	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>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_032037.2</a> , <a href="#">NP_114426.1</a>
<b>RefSeq Size:</b>	1442 bp
<b>RefSeq ORF:</b>	822 bp
<b>Locus ID:</b>	83983
<b>UniProt ID:</b>	<a href="#">Q9BXA6</a>
<b>Cytogenetics:</b>	19p13.11
<b>Protein Families:</b>	Druggable Genome, Protein Kinase

**Gene Summary:**

This intronless gene encodes a member of the CAMK (calcium/calmodulin-dependent) serine/threonine protein kinase family. The encoded kinase has a broad expression pattern but is described as testis-specific due to effects on fertility. Male mice which lack the gene encoding a highly similar protein are sterile and have morphologically abnormal sperm. [provided by RefSeq, Jan 2012]