

Product datasheet for **SC123557**

TSSK1 (TSSK1B) (BC022515) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSSK1 (TSSK1B) (BC022515) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSSK1
Synonyms:	FKSG81; OTTHUMP00000159055; serine/threonine kinase 22D (spermiogenesis associated); serine/threonine kinase FKSG81; spermiogenesis associated 4; SPOGA4; STK22D; testis-specific serine kinase 1; testis-specific serine kinase 1B; TSSK1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC022515 edited
AGGGGGCAGGAACAGCAGGCCTGGCCAGCCAAAGGACTCTATCCAGGATGTAATGA
GCACACTGCTGGCCCATGCGCCTCGGGGCTGTAGAGGGCAGCCTCAGAGGCACTGGGCAT
TCCTGGCACCATGGATGACGCTGCTGTCTCAAGCGACGAGGCTACCTCCTGGGGATAAA
TTTAGGAGAGGGCTCCTATGCAAAAGTAAAATCTGCTTACTCTGAGCGCCTGAAGTTCAA
TGTGGCGATCAAGATCATCGACCGAAGAAGGCCCGCAGACTTCTTGGAGAAATTCCT
TCCCCGGGAAATTGAGATTCTGGCCATGTTAAACCACTGCTCCATTAAGACCTACGA
GATCTTTGAGACATCACATGGCAAGGTCTACATGTCATGGAGCTCGCGGTCCAGGGCGA
CCTCCTCGAGTTAATCAAAACCCGGGGAGCCCTGCATGAGGACGAAGCTCGCAAGAAGTT
CCACCAGCTTTCCTTGGCCATCAAGTACTGCCACGACCTGGACGTCGTCACCGGGACCT
CAAGTGTGACAACCTTCTCCTTGACAAGGACTTCAACATCAAGCTGTCCGACTTCAGCTT
CTCCAAGCGCTGCCTGCGGGATGACAGTGGTGAATGGCATTAAAGCAAGACCTTCTGTGG
GTCACCAGCGTATGCGGCCCCAGAGGTGCTGCAGGGCATTCCCTACCAGCCCAAGGTGTA
CGACATCTGGAGCCTAGGCGTGATCCTCTACATCATGGTCTGCGGCTCCATGCCCTACGA
CGACTCCAACATCAAGAAGATGTGCGTATCCAGAAGGAGCACC GCGTCAACTTCCCACG
CTCCAAGCACCTGACAGGCGAGTGCAAGGACCTCATCTACCACATGCTGCAGCCGACGT
CAACCGGCGGCTCCACATCGACGAGATCCTCAGCCACTGCTGGATGCAGCCCAAGGCACG
GGGATCTCCCTCTGTGGCCATCAACAAGGAGGGGGAGAGTTCCCGGGAACTGAACCTT
GTGGACCCCCGAACCTGGCTCTGACAAGAAGTCTGCCACCAAGCTGGAGCCTGAGGGAGA
GGCACAGCCCCAGGCACAGCCTGAGACAAAACCCGAGGGGACAGCAATGCAAATGTCCAG
GCAGTCGGAGATCCTGGGTTTCCCAGCAAGCCGTCGACTATGGAGACAGAGGAAGGGCC
CCCCAACAGCCTCCAGAGACGCGGGCACAGTGAGCTTCTTGGCGCCAGGGAATGAGAT
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GCAGTCCCAGATGAGCCTCTATTTTCATCAGCTTCTTCTCTCCCTTGAACCTGGTAA
CCCACATGGTTCTCCCGTGGCCCTAGGTGGATGAGGCCAAAGTCAAATCCAAGGCTGAG
ACAGTCGTGCGACTCCTACTCCCCAGAGCGTGACCCGGAGCAGGTGCTGGACACAGAGC
CTGTCTCAGCAGAGGGTCCCCACTGGCCGCAACGGCTCAGTGACAGCAAGAGCAGGAAGA
GCAGCAGGAAGGCACCGCTGTCCACCTTGGGCACCATTTATCCTCCTTTCATCGTCCCCG
GGGCAGTTGCGTGACCCTGCTGGGAGGCCAGACCAGGCCAGACTGAGGGTCAGGGGACCA
GGCTGGGTTGGGGTGGGTGGGCTGGACGGGACGAGGCGGAGAGGAGGCGGGGAAA
GAGCTTCGGCTGGGCCACGGGCTCGCGGCACTCTCGGCGGACGCTCGGGGGCTCCGAC
TCCAGCTCTGGGCAAGATCCATAAACTTTTAAAGAAGCCTCAAAACATACTTTTAAAGCA
TTAAGCTTTAAAGTGCTAGAAATCTTGTGCCCCATATGTGCTTCTTTCAGTATTATCCTA
GATCCTCAGGAGTAGCATGGCAACTGGAGAAAATGGGAGGAAAGACAAGAAGAAATAGAA
GCTGATTTAACACCAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:

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>OriGene 5' read for BC022515 unedited
AAAGTCAAATTTTGTATACGACTCACTATAGGCGCCGCATAACTTCGTATAGCATAACAT
TATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGGGG
GCAGGAACAGCAGGCCTGGCCAGCCAAAGGACTCTATCCAGGATGTAATGAGCACA
CTGCTGGCCCATGCGCCTCGGGGCTGTAGAGGGCAGCCTCAGAGGCACTGGGCATTCTG
GCACCATGGATGACGCTGCTGTCTCAAGCGACGAGGCTACCTCCTGGGGATAAAATTTAG
GAGAGGGCTCCTATGCAAAAGTAAAATCTGCTTACTCTGAGCGCCTGAAGTTCAATGTGG
CGATCAAGATCATCGACCGAAGAAGGCCCGCAGACTTCTTGGAGAAATTCCTTCCC
GGGAAATTGAGATTCTGGCCATGTTAAACCACTGCTCCATTAAGACCTACGAGATCT
TTGAGACATCACATGGCAAGGTCTACATGTCATGGAGCTCGCGGTCCAGGGCGACCTCC
TCGAGTTAATCAAAACCCGGGGAGCCCTGCATGAGGACGAAGCTCGCAAGAAGTTCCACC
AGCTTTTCTTGGCCATCAAGTACTGCCACGACCTGNACGTCGTCACCGGACCTCAAGT
GTGACAACCTTCTCCTTGACAAGGACTTCAACATCAAGCTGTCCGACTTCAGCTTCTCCA
AGCGCTGCCTGCGGGATGACAGTGGTGAATGGCATTAAAGCAAGACCTTCTGTGGGTAC
CAGCGTATGCGGCCCCAGAGTGCTGCAGGGCATTCCCTACCGCCCAAGGTACGAATCTG
GAGCCCAAGCTGATCCTCTACACATGGTCTGCGGTTCTGCCCCTAC
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Restriction Sites:	Please inquire
ACCN:	BC022515
Insert Size:	2012 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:	<u>BC022515.1</u> , <u>AAH22515.1</u>
RefSeq Size:	2012 bp
Locus ID:	83942
Cytogenetics:	5q22.2
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM, Mar 2008]