

## Product datasheet for **SC328543**

### TSSK4 (NM\_001184739) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TSSK4 (NM_001184739) Human Untagged Clone
Tag:	Tag Free
Symbol:	TSSK4
Synonyms:	C14orf20; STK22E; TSK-4; TSK4; TSSK5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328543 representing NM_001184739. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGGGGAAGGGAGATGTCTTAGAGGCAGCACCAACCACCACAGCCTACCATTCCCTCATGGATGAATAT
GGTTATGAGGTGGGCAAGGCCATTGGCCATGGCTCCTATGGGTCGGTATATGAGGCTTTCTACACAAAG
CAGAAGTTATGGTGGCAGTCAAGATCATCTCAAAGAAGAAGGCCTCTGATGACTATCTTAAACAAGTTC
CTGCCCGTGAATACAGGTAATGAAAGTCTTGCGGCACAAGTACCTCATCAACTCTATCGGGCCATT
GAGAGCACATCTCGAGTATACATCATTCTGGAAGTGGCTCAGGGTGGTGTATGTCCTTGAATGGATCCAG
CGCTACGGGGCCTGCTCTGAGCCCTTGCTGGCAAGTGGTCTCCAGCTGACCCTGGGCATTGCCTAC
CTGCACAGCAAGAGCATCGTGCACCGCCTGATGCCAGCCTTTCTGCTGCTGGTAGGGACTTAAAGTTG
GAGAACCTGTTGCTGGACAAGTGGGAGAATGTGAAGATATCAGACTTTGGCTTTGCCAAGATGGTGCT
TCTAACCAGCCTGTGGGTTGTAGCCCTTCTTACCGCCAAGTGAAGTGCCTTTCCACCTCAGCCAGACT
TACTGTGGCAGCTTTGCTTACGCTTGCCAGAGATCTTACGAGGCTTGCCTACAACCTTTCTGTCT
GACACCTGGAGCATGGGCGTCATCCTTTACTCTAGTGGTCGCCATCTGCCCTTTGATGACACCAAT
CTCAAAAAGCTGCTAAGAGAGACTCAGAAGGAGGTCACCTTCCAGCTAACCATACCATCTCCAGGAG
TGCAAGAACCTGATCCTCCAGATGCTACGCCAAGCCACTAAGCGTGCCACCATTCTGGACATCATCAAG
GATTCTGGGTGCTCAAGTTCAGCCTGAGCAACCCACCATGAGATCAGGCTGCTTGGGCCATGTGC
CAGCTCCACAACACCACTAAACAGCACCAATCCTTGCAAATTACGACCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001184739
Insert Size:	1017 bp



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<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>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>	<u><a href="#">NM_001184739.1</a></u>
<b>RefSeq Size:</b>	1330 bp
<b>RefSeq ORF:</b>	1017 bp
<b>Locus ID:</b>	283629
<b>UniProt ID:</b>	<u><a href="#">Q6SA08</a></u>
<b>Cytogenetics:</b>	14q12
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>MW:</b>	38.4 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the testis-specific serine/threonine kinase family. The encoded protein is thought to be involved in spermatogenesis via stimulation of the CREB/CRE responsive pathway through phosphorylation of the cAMP responsive element binding protein transcription factor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>