

Product datasheet for **SC123458**

TESK1 (NM_006285) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TESK1 (NM_006285) Human Untagged Clone
Tag:	Tag Free
Symbol:	TESK1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC038448 edited
 GCCCGCGCAAGCCAGCCCGCGGCGCCCCGGAGCGCTGCCGCCACCGTCACCGCCACCG
 CCCGGTCCAGGCCAAGCCCAGGCCCTGCGCGGAGCGGAGCGGCGCGGCTCCACCCGGG
 CCCAGCCAGCCGGCGCGGGCGGGGCGGGTCCAGGATCTTCGGCGGATCTTCGGCGGATCT
 TCCATTCTCAGGGCGGGAGCCGGAGTCCGGGCGCCCGGATCGGGCTGGGCCCGGCCA
 TGGCAAGCGCGGCTGCCCGGGCCCTGGGACCCTGCCATGTAGGCAGGCCCGGGCTGGAGA
 GGTGCCGGGGAGGGGCCCGGGGCGGGGGCACGGGCGGAGGCCCGGGCCGGGGCCG
 CCCCTCCTCTACCGGGCTCTCCGACGCGCGTGTCTAGCCTGGCGCGTGTGGACGATTT
 TCACTGCGCGGAGAAGATCGGGGCCGGCTTCTTCTCTGAGGTCTACAAGTTTCGGCACCG
 ACAGTCAGGGCAAGTCATGGTGTGAAGATGAACAAGCTCCCCAGTAACCGGGGCAACAC
 ACTACGGAAAGTGCAGCTGATGAACCGGCTCAGGCACCCCAACATCCTAAGTTTCATGGG
 AGTCTGTGTGCACCAGGGACAGCTGCACGCTTTACAGAGTATATGAATGGGGGACATT
 GGAACAGCTGCTCAGCTCCCTGAACCCCTATCCTGGCCGGTCAAGCTCCACCTGGCCCT
 GGACATTGCCGAGGCCGCGGTACCTGCACTCCAAGGTGTATTTACCGCGACCTCAC
 ATCCAAGAACTGTCTAGTCCGACGGGAAGATCGAGGCTTACCGCTGTCTGGGTGACTT
 CGGGCTGGCCGAAAAGATTCTGTGTATAGGGAGGGGGCAAGGAAGGAGCCATTGGCCGT
 GGTGGGCTCCCCATACTGGATGGCTCCAGAGGTGTACGGGGTGAAGTGTATGATGAGAA
 GGCTGATGTCTTTGCCTTCGGGATTGCTCCTGTGTGAGCTCATCGCCCGAGTACCTGCAGA
 CCCTGACTACCTACCACGCACTGAGGACTTTGGCTGGATGTGCCTGCTTCCGAACCTCT
 GGTGGGGGATGACTGCCCACTGCCTTTCTGTCTCTGGCCATCCACTGCTGCAACCTGGA
 ACCCAGCACCCGTGCCCTTACCAGAAATACCAGCACCTGGAATGGATCCTGGAGCA
 GCTGCCTGAGCCAGCCCACTCACCAGGACCGCCCTGACACACAATCAGGGCTCTGTTGC
 AAGAGGGGGTCCCTCTGCCACGCTTCCAGGCCAGATCCCGGCTTCCGGAAGCCGGTC
 AGACCTTCTCTGCCCCATCACCAGAATCACCSCCAACTGGGGGACAATCTGACTCG
 AGTCAACCCCTTCTCACTACGGGAAGACCTCAGGGGTGGCAAGATCAAGCTCTTAGACAC
 ACCCAGCAAGCCAGTCTGCCTTGTGCCACCATCACCATTCCCATCCACTCAGCTGCC
 CTTGGTGACCACTCCGGAGACCTGGTCCAGCCTGGGACACCTGCCCGCCGCTGCCGCTC
 ACTACCCTCATCCCCGAGCTCCCCCGCGTATGGAGACAGCACTGCCAGGTCTGGCC
 TCCCGCTGTGGGCCCTCGGCTGAAGAGAAGATGGAGTGCAGGGCAGCAGCCCTGAGCC
 GGAACCTCCAGGGCCAGCGCCCCAGCTGCCTCTGGCTGTGGCCACAGACAATTCATCAG
 CACCTGTTCTCGGCCTCCAACCTGGTCCCCTAGATCAGGACCCGCTCAATAACAA
 TCCCCAGCTGTGGTGGTGAACCTCCCCACAAGGCTGGGCTGGGGAGCCCTGGAACCGGGC
 CCAGCATAGCCTGCCCGGGCGGCAGCCCTGGAGCGGACAGAACCCTCGCCACCCCTTC
 AGCTCCCCGGGAGCCCGATGAGGGGCTGCCCTGTCTGGCTGTGCCTCGGCCCTTCAG
 CTTTGGCTTCTGTCCATGTGCCCGCCACACCAGCTGTTGCCCGCTACCGCAACCT
 GAACTGTGAGGCGGGCAGTCTCCTCTGCCACCGAGGGCACCAAGCCACCCACACC
 CAGCCTGCAGCTGCCTGGGGCACGCTCTTAGCAGTGGAGCCCGTGGTCTCAGGCCCTCAA
 CTTTGGCCTTCAAGACACCCTGTAAGAACAGAGCACACTTGTGGACAGTGCCAGTTCCA
 GATGGGCTGACCGCTCTTCTCCCCGTGTAGGGGAGCCCCAGCATGGACTCAAGGGACAG
 AGCACTTCCAGTCGACCCCGGCTCGCGTTCCTGGGGATCACTGAACCAGACACAGC
 ATTGCTGACACATGAGACTAACACGTGCAATTATTTAAAAAGATTTCAATAAAATGCCT
 GGCTGGCTCCGGGCGCCCTAAA
 AA
 AA

Restriction Sites: Please inquire

ACCN: NM_006285

Insert Size: 2610 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:	BC038448.1 , AAH38448.1
RefSeq Size:	2610 bp
RefSeq ORF:	2559 bp
Locus ID:	7016
UniProt ID:	Q15569
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain and a C-terminal proline-rich domain. Its protein kinase domain is most closely related to those of the LIM motif-containing protein kinases (LIMKs). The encoded protein can phosphorylate myelin basic protein and histone in vitro. The testicular germ cell-specific expression and developmental pattern of expression of the mouse gene suggests that this gene plays an important role at and after the meiotic phase of spermatogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>