

Product datasheet for **MC217442**

Tsk (NM_001077591) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tsk
Synonyms:	Stk22; Stk22sl; Ts; Tss; Tssksl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217442 representing NM_001077591
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCAAGCGTGGTGGTGAAGACAATCTGGCAATCCAAAGAGATCCACGAAGCGGGGACCCACCTGCGG
 GGGTAGAAAGCCGTGCCAGCTGGTCCCCGAGGCTCCCGGGGGGTGACCAGCCCTGCCAAAGGGATAAC
 GAAAAAAGAAGGCTGTGCTTCCATGGGTGGAGCCCCGGATGTCACAGAGCCGATGCACTGGTGC
 CTGAACCTCAAGCGGTCTCTGCCTGCACCAACGTGTCTTGTCTCAACCTGGCTGCCGTGGAGCCCGACT
 CCTCGGGCAGAGCTCGACCACAGAGGACAGTGGTCCACTGGCACTGCCAGGGCCACCTGCTCCCTAC
 AACACCTGGGCTCCAGAGGACCCTGACATCACAGAACTACTGAGTGGGGTCAACAGTGGATTGGTACGT
 GCCAAAGACTCCATCACCAGCTTGAAGGAAAAGACCACGCGGGTTAATCAGCACGTTTCACTCTGCAGA
 GCGAGTGCTCTGTGCTGAGTGAGAATCTGGAAGAAGACGGCAGGAGGCAGAAGATTGGAGGGTACTG
 CAGTCAGTTGAAGGAGAACTGCCGAAGGTGACCCGTTCACTGGAAGACGCTGAAATCAAACCAATGTC
 CTGAAGCAGAACTCTGCCTTGTGGAGGAGAAGCTAAGATACCTCCAGCAGCAACTGCAGGATGAGACGC
 CCCGGAGACAGGAGGCCGAGTTGCAGGAGTTGGAGCAAACTGGAGGCTGGCCTCTCCCGACATGGTCT
 GAGCCCTGCCACTCCCATTAGGGCTGCTCGGGTCTCTGCGAGCCCCGAGGAACCCCGCGGCAGCGA
 GGCTGTCTCCAGTGGCTGGGGCATGGCAGTCCGCACAGGGGAGGACCCTCGCTGAGCGAGCAGGAGT
 TGCAGAAAGTCTCCACCGCCCTGGAGGAGCTGAGGAGGGAGGTGTCTCGCTGGCAGCCCGTGGCATCA
 GGAGGAGGGGGCAGTGCAGGAGGCCCTGAGGTTGCTGGGAGGCCTTGGCGCCGTCTGGATGGCTTCCTG
 GGCCAGTGGAGCGGGCGCAGCGGGAACAGGCACAGTCCGCAAGGGGCTTGCAGGAGCTGCGAGGACGAG
 CAGATGAGTTGTCACTATGGTGGAGAGTGCAGTGTCTGTGCCTCACTGAGGAGTGAAGTGGAGGC
 ACTGGGCCAGTAAACCCATTCTGGAGGAGCTGGGACGGCAACTTCAGAACTCCCGAGGGGAGCTGAC
 CATGTCTTGAAGTGGATCGGTCTGCCAAGGCCCTGTGCGCGCTGTGCCAGCCAGGGGCAGCAGTTAT
 CCACGAGTCCCTGCAGCAGTGTGGAACGTGCGCTGACCCCGTGGTGGATGAGGTGAAGCAGAAGGG
 TCTGGCTCTGCCTGCCCAGTTGCCAGAGGTACACAAGAAGATTCTGGAGCTGGAGCGCCAGGCCCTTG
 GCCAAACAGTCAAGGACAGAGGCCCTGAGCTCCACCCTTCGGTTGGCCCAAGACGAGGCCGTTTCGGGCCA
 AGAACCTACTGCTGACGACAAGATGAAGCCGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001077591

Insert Size: 1578 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001077591.1, NP_001071059.1</u>
RefSeq Size:	1833 bp
RefSeq ORF:	1578 bp
Locus ID:	22116
Cytogenetics:	7 B3
Gene Summary:	This gene is a member of a small family of testis-specific serine/threonine kinases. This gene may play a role in testicular physiology or spermiogenesis. Its expression is restricted to the testis during the last stages of spermatid maturation. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) has multiple in-frame differences in the coding region, compared to variant 1, which results in a shorter protein (isoform 2).