

Product datasheet for **MC219287**

Tsks (NM_011651) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tsks (NM_011651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tsks
Synonyms:	Stk22; Stk22s1; Ts; Tss; Tssks1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219287 representing NM_011651
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAAGCGTGGTGGTGAAGACAATCTGGCAATCCAAAGAGATCCACGAAGCGGGGACCCACCTGCGG
 GGGTAGAAAGCCGTGCCAGCTGGTCCCGAGGCTCCCGGGGGGTGACCAGCCCTGCCAAAGGGATAAC
 GAAAAAAAAAGAAGGCTGTGTCTTCCATGGGGTGGAGCCCGGATGTCCACGAGCCGATGCACTGGTGC
 CTGAACCTCAAGCGGTCTCTGCCTGCACCAACGTGTCTTGCTCAACCTGGCTGCCGTGGAGCCCGACT
 CCTCGGGCACAGACTCGACCACAGAGGACAGTGGTCCACTGGCACTGCCAGGGCCACCTGCTTCCCTAC
 AACACCCTGGGCTCCAGAGGACCCTGACATCACAGAACTACTGAGTGGGGTCAACAGTGGATTGGTACGT
 GCCAAAGACTCCATCACCAGCTGAAGGAAAAGACCACGCGGGTAAATCAGCACGTTGACTCTGCAGA
 GCGAGTGTCTGTGTGAGTGAATCTGGAAAGAAGACGGCAGGAGGCAGAAGATTGGAGGGTACTG
 CAGTCAGTTGAAGGGCCCCGCCCTGATGTCTGACCCAGGAACTGCCGAAGGTGACCCGTTGAGT
 GAAGACGCTGAAATCAAACCAATGTCTGAAGCAGAACTCTGCCTGGTGGAGGAGAAGCTAAGATACC
 TCCAGCAGCAACTGCAGGATGAGACGCCCGGAGACAGGAGGCCGAGTTGCAGGAGTTGGAGCAAAA
 ACTGGAGGCTGGCCTCTCCCGACATGGTCTGAGCCCTGCCACTCCCATTGAGGGCTGCTCGGGTCTCT
 GGCAGCCCCGAGGAACCCCGCGGCAGCGAGGCTGTCTCCAGTGGTGGGGCATGGCAGTCCGCACAGGG
 GAGGACCTCGCTGAGCGAGCAGGAGTTGCAGAAGTCTCACCGGCCTGGAGGAGCTGAGGAGGGAGGT
 GTCTCGCTGGCAGCCCGGTGGCATCAGGAGGAGGGGCAGTGCAGGAGGCCCTGAGGTTGCTGGGAGGC
 CTTGGCGCCGTCTGGATGGCTTCTGGCCAGTGGGAGCGGGCAGCGGGAACAGGCACAGTCCGCAA
 GGGGCTTGCAAGGAGTGCAGGACGAGCAGATGAGTTGTGCACTATGGTGGAGAGGTGAGCAGTGTCTGT
 CGCCTCACTGAGGAGTGAAGTGGAGGCACTGGGCCAGTAAAACCAATCTGGAGGAGCTGGGACGGCAA
 TTTCAGAACTCCCGAGGGGAGCTGACCATGTCTTGAAGTGGATCGGTCTGCCAAGGCCCTGTGCGC
 GCTGTGCCAGCCAGGGGCAGCAGTTATCCACGGAGTCCCTGCAGCAGTCTGGAACGTGCGCTGACCCC
 GCTGGTGGATGAGGTGAAGCAGAAGGTCTGGCTCCTGCCTGCCAGTTGCCAGAGGCTACACAAGAAG
 ATTCTGGAGCTGGAGCGCCAGGCCTTGGCCAAACAGTGCAGGCGAGGGCCCTGAGCTCCACCCTCGGT
 TGGCCCAAGACGAGGCCGTTCCGGCCAAGAACCTACTGCTGACGGACAAGATGAAGCCGGAGGAGAAGGT
 GGCCACTTTGACTATATGCATTTGAAGATGTGCTCCCTCCACGACCAACTCAGCCACTGCCACTTGAG
 GGGTCCACGGGGCAATGGGGGAGGAAGCAATGGAGGGCTCCCCTAAACGTGGGAGTCCAGGCTCTG
 AACAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011651

Insert Size: 1758 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.

RefSeq: [NM_011651.2](#), [NP_035781.2](#)

RefSeq Size: 1828 bp

RefSeq ORF: 1758 bp

Locus ID: 22116

UniProt ID: [O54887](#)

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 (1) represents the shorter transcript but encodes the longer protein (isoform 1).