

Product datasheet for **MC219811**

Tesk1 (NM_011571) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tesk1 (NM_011571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tesk1
Synonyms:	AI326901
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219811 representing NM_011571
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGGGGAACGGCCCGCTGCGGGGCCCGGGCCCGAGAGGCTCCGGGGAGGGCCGGGGGGCG
 CAGGCGGAGGCCCGGGCCGGGGCCGCCCTCCTCTACCGGGCCCTCCGAGCGCCGTGCCAGCCTTGC
 CGGTGTGGACGATTTCTGACTGCGCAGAGAAGATCGGGGCCGGTTTCTTCTCTGAGGTCTACAAGTTTCGG
 CACCGACAGTCGGGACAAGTCAATGGTGTGAAGATGAACAAGCTCCCCAGTAACCGGAGCAACACGCTAA
 GGGAGGTGCAGCTGATGAACCGGCTCCGGCACCCTAACATCCTCAGGTTTCATGGGGTCTGTGTGACCA
 AGGGCAGCTGCACGCGCTTACAGAGTATATGAATGGGGGCACCCTGGAACAGCTGCTCAGCTCCCCAGAA
 CCCCTCTCTGGCCAGTCAGGCTCCACCTAGCCCTGGACATTGCACAAGGCTACGGTACCTACACGCCA
 AAGGTGTGTTTACCGAGACCTCACATCCAAGAAGTGTCTGGTCCGAAGGGAAGACCGAGGCTTCACAGC
 TGTGTGGGTGACTTCGGACTGGCTGAGAAGATTCCTGTGTATAGGGAAGGGACAAGGAAGGAGCCCTTG
 GCTGTGGTGGGCTCCCCGTAAGTGGATGGCTCCAGAGGTGTTCGGGGAGAGCTGTATGATGAGAAGGCCG
 ATGCTTTCGCCTTCGGGATCGTCTCTGTGAGCTCATCGCCCGAGTGCCTGCAGACCCTGACTACCTACC
 CCGCACTGAGGACTTTGGCCTGGATGTGCCTGCTTCCGAACTTTGGTGGGAAATGACTGTCCGCTACCT
 TTCTGCTTTCGGCCATCCACTGCTGCAGCATGGAACCCAGCACCCCGGGCCCTTTTACTGAAATCACCC
 AGCACCTGGAACAGATCCTGGAGCAGCAGCCTGAGGCCACGCCCTCGCCAAGCCACCCCTCACCAAGGC
 TCCCTTGACATAACAATCAGGGGTCTGTTCCAAGAGGAGGTCCCTCGCCACACTTCCCAGGCCAGACCCC
 CGGCTCTCCCGAAGCCGGTCAGACCTCTCCTGCCACCTTCGCCAGAATCACCCCCAGCTGGGGGGACA
 ATCTAACACGAGTCAACCCCTTCTACTGCGGGAAGACCTCAGGGGTGGCAAGATCAAGTGTGGACAC
 ACCCTGCAAGCCGGCCACTCCACTGCCCTGGTTCCACCATCACCACTTACCTTACCCAGCTGCCCTTA
 GTGACCACTCCAGACATCCTGGTCCAGCCTGAGACCCCTGTCCGCCGCTGTGCTCACTACCTTCATCCC
 CTGAGCTTCCCCGACGGATGGAGACTGCACTGCCAGGTCTGGCCCTTCCCCATGGGCCGACTGAGGA
 GAGGATGGACTGCGAGGGCAGCAGCCCTGAGCCAGAGCCCCAGGCTGGCTCCCAGCTGCCTCTGGCT
 GTGGCCACTGACAACTTCATCAGTACTTGTTCCTCAGCCTCGCAGCCCTGGTCTCCTAGATCAGGACCTC
 CCCTCAACAATAATCCCCCTGCTGTGGTGGTGAATTCCCACAAGGGTGGGCTAGGGAGCCCTGGAACCG
 GGCACAGCATAGCCTTCCCCGGGCAGCAGCCCTGGAGCGGACAGAGCCCTCACCGCCCCATCAGCTCCC
 CGGGAGCCGGAGGAGGGGCTGCCCTGCCCTGGCTGCTGCCTTGGCCGTTTTCAGCTTTGGCTTTCTATCCA
 TGTGCCCCCGCCCTACCCAGCTGTGCCCGCTACCGCAACTTGAAGTGTGAGGGGGCAGCTTCTCTCTG
 CCACCGAGGGCATCATGCCAAGCCACCCACCCAGCCTGCAGCTGCCTGGGGCACGCTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011571

Insert Size: 1884 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_011571.3](#), [NP_035701.3](#)

RefSeq Size: 3620 bp

RefSeq ORF: 1884 bp

Locus ID: 21754

UniProt ID: [O70146](#)

Cytogenetics: 4 A5

Gene Summary: Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. Probably plays a central role at and after the meiotic phase of spermatogenesis (By similarity).
[UniProtKB/Swiss-Prot Function]