

## Product datasheet for **MC202176**

### Tesk2 (NM\_146151) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tesk2 (NM_146151) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tesk2
Synonyms:	MGC29168
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC029766 sequence for NM\_146151  
 GAGAGTTTCCAGCTGCCTTCTCAGTCCCAGCGGTGATCCGCCTCCGGGCCCGCCGAGTAGGCGGGGAA  
 AGCAGCTCAGACCGCAAGGCCATGGCAGTAGCCTCCAGCTCCTGCGCCGCGCTGGCCCTGAGCAATCTC  
 CGGCTTCTGCCAAGGGACCCCTCACCTCCTCCGCAAGGTAACAGCCGCGCCGGAGCTGCTATGCTCG  
 CTCTGGGCGCTGCCTCCCTTACCCTCTGGCCGGCGCAGACGCCCCCTCCGCGGCTCAGTTGTGCCTCAG  
 TGTCACATTGAAAAGAAGCAAAATTGATCAGAAATTATGTGTGGAGTCTCTTCTAAATGAAGAAGTGA  
 TTATTGAGATTATGGATCGGAGCAAGCGAACTCAATTGCAGGGTTTCCCCACGTGTGGAGCCTCTGGA  
 AGAATTTGAAGGAGGTGGTGGAGGGATGGGAACACCGTGCAGGTGGGAAGAGTTTCATCATCTTCATAT  
 CGTGCGATTATTAGTGCCTTTTCCAGACTGACGAGTTTGGATGACTTACCCCGTAAAAAATAGGATCTG  
 GTTTCTTCCGAAGTGTCAAGGTGCGACACAGAGCTTCTGGTCAGGTGATGGCTCTCAAGATGAACAC  
 GCTGAGCAGTAACCGAGCAAACCTGCTGAAAGAGATGCAGCTCATGAATAGACTCTCCACCCCAACATC  
 CTCAGGTTTCATGGGTGTATGTGTACATCAAGGACAGTTGCATGCACCTACAGAGTATATCAACTCTGGGA  
 ACCTGGAGCAGCTGCTGGACAGTACTTGTATTTACCGTGGACTGTGAGAGTAAACTGGCCTATGACAT  
 AGCAGTGGCCTCAGCTACCTTCACTTCAAAGGCATTTTCCATCGGGACCTCACATCAAAGAAGTGCCTG  
 ATAAAGAGAGATGAAAACGGTACTCTGCTGTGGTAGTACTTCCGCTGGCTGAGAAGATCCCTGACG  
 CTAGTATAGGGAGGGAGAAGCTAGCTGTGGTGGCTCGCCTTTCTGGATGGCACCTGAGGTTCTCCGAGA  
 TGAGCCTTATAATGAGAAGGCAGATGTCTTCTTATGGTATCATCCTCTGCGAGATCATCGCCCGATT  
 CAGGCTGATCCGGACTATCTTCCCCGCACAGAGAATTTCCGGCTGGATTACGATGCTTTCCAGAACATGG  
 TGGGAGACTGCCCTCAGACTTCTGCAGCTCACCTTTAACTGCTGAATATGGACCCAAAAGTGCAGCC  
 ATCCTTTGAGGAGATTGGGAAGACCCTAAAGGAAATATGAGCCGCTTACCGGAAGAAGAGTTGGAGAGA  
 GATAGGAAGCTACAGCCACAGCTAAAGGACCACTGGAGAAAGTGCCTGGAGGGAAGCGACTGAGTTCAC  
 TGGATGACAAGATTCCCCACAAGTCTCCACGTCCAAGACGTAATCTGGCTGTCTCGAAGCCAGTCAAG  
 TATTTTTTCTCATAAGCCTCCAGTACAGTCAAGTCTTGGACCCCTATTACCAGCCAGAGATGGTGTCT  
 ACACATACCCCAAAGTCAACCCTTTCAGTGCAGGCCAAGACCTCAAGGGCGGGAAGTCAAATTTCTTG  
 ACCTACCCAGCAAATCTGTCAATTTCCCTTGTATTTGACCTGGATGCACCCGGGCTGGAAGTACAACCT  
 GGCTGACTGTGAGGAGCCTTTGGCCATGTCTTCCAGACGGTGGCGGTCTTTGCTGGTTCACCTGAGTTC  
 TTGCATCAGGCTTGTCCATTTATGGGCTGTGAAGAATCACTCTCTGATGGGCTCCACCAGACTCAGTA  
 GTCTCAAGTATGGAGTAAGAGAGATCCCACCATCCGGACATCTGCCCTATCAGCTGCTTACGGCCACGA  
 GGCCATGGACTGCTTAACCCCAAGAAGAGAACGGTTTTGGACCCAGGCTTAAGGGGACCAGCCTATGC  
 ACTGGGGTGCCTCTGAGGAGATGGAGGTGGAAGAGGAAAGGCCACGAAGAGCTTCTGTCTACTTCTCTA  
 TCTCTGGAATAAGCTTGCAAACCAGGCAAAGCAGGATGGGTGAGATGGGGCAGGACTAGTCCCTGCCT  
 GCCATATGAGAGGCGTTTCAGTAGTTAGGGCCAACCTAATTTTAAAGCCTCTGAAATCCAGCAAGGAGTT  
 TGGTCCCATGGACCACAGTGCACGTCCTAGACAGGACCAAAAAACTCTTCGTGCTAGGCTGGGCTGGCA  
 GGTACCATGTACCAGTCCCTTCTACTCTTAAGTCTCTCATGCCGATTCTGGGGCATGTAAGCTACAGG  
 ATGGAAACTGGAGTTGGCAGGAGGCCGCTAGGGTGTGGCTGTTTTCTTAGACATGACGACTGGGATGCCTC  
 TTGCCAGTGTGTCTCAGACACTTGAATAATTGCGGTTTGCACCTACTGTATGTCAGACCACATCACTACA  
 TCTCTATGCAAGGGGGACAAGGCAATGTGGTGGTCGAGGATCTTTAGCTAACCTAGTCAAAGACTTTTC  
 CAGTTGATTAATCTATTTTCATATTTATAAAGGAGTCTTAATGTTTTGCCTCAAGACTTTCAACCTTGGC  
 GTTGGGAGTGGGCTGGTATTGTAGGCCCTAGGGCCTGCTCTATGTATGTGTCAACAGTGATACAACCC  
 TTTAGTTAATGGTTTATACTTGGACTGATTTTCTTCTCTCTGTAGCTGGAGCTTTGGGAACAGTCTGTC  
 CTTAAAGAGCCGCGATAAGAAATAACCAAAGAATGAAGTTGGTCAAAATTTTTCATATTTCTGTTGATTT  
 TTTTTTAAACTTTTCCAAAACACTTTTTCAGATTAATAAAAAATAATAAGTTGATGTTGCAGGTGAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_146151  
**Insert Size:** 1713 bp

<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>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>	<a href="#">BC029766</a> , <a href="#">AAH29766</a>
<b>RefSeq Size:</b>	2893 bp
<b>RefSeq ORF:</b>	1713 bp
<b>Locus ID:</b>	230661
<b>UniProt ID:</b>	<a href="#">Q8VCT9</a>
<b>Cytogenetics:</b>	4 D1
<b>Gene Summary:</b>	Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. Phosphorylates cofilin at 'Ser-3'. May play an important role in spermatogenesis (By similarity).[UniProtKB/Swiss-Prot Function]