

Product datasheet for **RN208360**

Tesk1 (NM_031578) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tesk1 (NM_031578) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tesk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208360 representing NM_031578
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGGGGAACGGCCACCGCTGCGGGGCCCGGGCCCGGAGAGACTCCGGTGGAGGGGCCGGGGGCG
 CAGGCGGAGGCCCGGGCCGGGGCCGCCCTCCTCTACCGGGCCCTCCGCAGCGCGTGTCCAGCCTGGC
 GCGCGTGGACGATTTGACTGCGCAGAGAAGATCGGGGCTGTTTCTTCTCTGAGGTCTATAAGGTTGCG
 CACCGACAGTCGGACAAGTCAAGTGTGGTGAAGATGAACAAGCTCCCGAGTAACCGGAGCAACTCTAA
 GGGAGGTGCAGCTGATGAACCGCTCCGGCATCTAACATCCTCAGGTTTCATGGGGTCTGTGTGCCA
 AGGGCAGTGCACGCGTTACAGAGTATATGAATGGGGTACCCTGGAACAGCTGCTGAGCTCCCGAGAA
 CCCCTCTCTGGCCAGTCAGGCTCCACCTAGCACTGGACATTGCACAAGGCTACGGTACCTACACGCCA
 AAGGTGTGTTTACCGAGACCTCACATCCAAGAAGTGTCTGGTCCGACGGGAAGACGGAGGCTTCACAGC
 TGTTGTGGGTGACTTCGGACTGGCTGAAAAGATCCCTGTGTATAGGGAAGGGCAAGGAAGGAGCCATTG
 GCTGTGGTGGGCTCCCCATACTGGATGGCCCCAGAGGTGTGCGGGGAGAGCTGTATGATGAGAAGGCCG
 ACGTCTTCGCCTTTGGGATTGTCCTCTGTGAGCTCATCGCCGAGTACCTGCAGACCCTGACTACCTACC
 CCGTACTGAGGACTTTGGTCTGGATGTGCCTGCTTTTTCGAACTCTGGTGGGAAATGACTGTCCGCTACCT
 TTCTGCTTCTGGCCATCCACTGCTGCAGCATGGAACCCAGCGCCCGTGCCTCTTTACTGAAATACCC
 AGCACCTGGAACAAATCCTGGAGCAGCTGCCTGAGCCACGCCCTCGCCAAGATGCCCTTGCCAAGGC
 TCCCTTGACATAACAATCAGGGGTCTGTTCCAAGAGGAGTCCCTCGCCACGCTTCCAGGTCAGACCCC
 CGGCTCTCCCGAAGCCGGTCAGACCTCTTCTGCCACCTTACCAGAATCACCCCCAGTTGGGGGGACA
 ATCTAACACGAGTCAACCCCTTCTCACTGCGGGAAGACCTCAGGGGTGGCAAGATCAAATCTGGACAC
 ACCCTGCAAGCCGGCCACTCCACTGCCCTGGTGCACCATCACCACTGACCTTACCCAGCTGCCCTTG
 GTGGCCTCTCCAGAGTCCCTGGTCCAGCCTGAGACTCCCGTCCGCGCTGTGTTCACTCCCTTCATCCC
 CTGAGCTCCCGGACGGATGAAACTGCACTGCCAGGCTCTGGCCGTCCTCCCGTGGGCCCTCGACTGA
 GGAAAGGATGGACTGTGAGGGCAGCAGCCTGAGCCAGAGCCCCAGGGCCGGCTCCCGACTGCCTCTG
 GCTGTGGCCACTGACAACTTCATCAGTACGTGTTCTCAGCCTCTCAGCCCTGGTCTGCTAGACCAGGAC
 CTTCCCTCAATAAATACCCCTGCTGTGGTGGTGAATCCCCACAAGGATGGGCGAGGGAGCCCTGGAA
 CCGGGCACAGCATAGCCTTCCCGGGCAGCAGCCTGGAGCGGACAGAACCCTCACACCCCATCAGCT
 CCCCAGGAGCAGGAGGGGCTGCCCTGCCCTGGCTGCTGCCTCAGCCCTTACGCTTTGGCTTCTAT
 CCATGTGCCCCGCCCTACCCAGCTGTGCCCCGCTACCGCAACTGAACTGTGAGGCGGGCAGTCTTCT
 CTGCCACCGAGGCATCATGCCAAGCCACCCACCCAGCCTGCAGCTGCCTGGGACAGCTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031578
- Insert Size:** 1887 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_031578.1](#), [NP_113766.1](#)

RefSeq Size: 3581 bp

RefSeq ORF: 1887 bp

Locus ID: 29460

UniProt ID: [Q63572](#)

Cytogenetics: 5q22

Gene Summary: serine/threonine protein kinase; phosphorylates myelin basic protein (MBP) and histones in vitro; may play a central role in spermatogenesis [RGD, Feb 2006]