

Product datasheet for **RN217166**

Tlk2 (NM_001191652) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tlk2 (NM_001191652) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tlk2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN217166 representing NM_001191652
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGAAGAACTGCACAGCCTGGACCCACGGAGGCAGGAGTTACTGGAGGCCAGTTCACTGGGGTTG
 GCGTAAGTAAGGGGCCACTCAACAGTGAGTCTTCCAACCAGAGTTTGTGCAGTGTGGGGTCTTGAGTGA
 TAAAGAAGTAGAGACTCCTGAGAAAAAGCAGAATGACCAGCGAAATCGGAAAAAGAAAGCTGAACCATAT
 GAAACTAGCCAAGGGAAAGGCCTCTAGGGGACATAAAATTAGTGATTACTTTGAGTTTGTGGGGAA
 GCGGGCCAGGAACCAGCCCTGGCAGAAGTGTCCACCAGTTGCACGATCCTCACCGAACATTCTTATC
 CAATCCCTTACCGCGTCGAGTAGAACAGCCTCTCTATGGTTTAGATGGCAGTACTGCAAAGGAGGCCTCA
 GAAGAGCAGTCTGCCCTGCCAACCTCATGTCACTGATGTTAGCAAAACCTCGACTTGACACAGAGCAGT
 TAGCGCAAGGGAGCTGGCCTCTGCTTCACTTTCGTCCTCTGCTCAACAAAACAGCCCTTCGTCACGGG
 GTCTGGCAATACAGAACATTCTGCAGCTCCAGAAACAGATCTCCATCCAGCACAGGCAGACCCAGTCT
 GACCTCACAATAGAAAAATATCTGCAGTAGAAAAACAGTAAGAACTCTGACTTAGAGAAGAAGGAAGGAA
 GAATAGATGATTTATTAAGAGCCAACTGTGATTTGAGACGACAGATAGATGAACAGCAAAAGATGCTAGA
 GAAATACAAGGAACGATTAATAGATGTGTACCATGAGCAAGAAGCTCCTTATAGAAAAGTCAAAAACA
 GAGAAGATGGCATGCAGGGACAAGAGCATGCAGGACCGATTGCGATTAGGTCACTTTACAACGTCCGGC
 ATGGAGCCTCTTTACTGAACAGTGGACAGATGGTTATGCTTTCCAAAACCTCATCAAGCAACAGGAAAG
 GATAAATTCACAGAGAGAAGAGATAGAAAGGCAACGGAAAATGTTAGCAAAACGGAAACCCCTGCCATG
 GGTCAAGCCCTCCCGCAACCAATGAGCAGAAACAACGGAAAAGCAAGACCAATGGAGCTGAAAATGAAA
 CGTTAACCTTAGCTGAATACCATGAACAAGAAGAAATCTTCAAACCTTAGATTAGGTATCTTAAGAAAAG
 GGAAGCAGAAAATCCAGGCAGAACTGGAAGGCTAGAAAAGGTTAGGAATCTACACATCAGGGAATTA
 AGGATACATAATGAAGATAATTCACAGTTTAAAGACCACCAACACTAAATGACAGATATTTGTTGTAC
 ATCTTTGGGTAGAGGAGTTTCACTGAAGTTTACAAGCGTTTGTATCTAACGGAGCAAAGATATGTAGC
 TGTGAAAATTCACCAGTTAAATAAAAACTGGAGAGATGAGAAAAAGGAGAATTACCACAAGCATGCGTGT
 AGGGAATACCGGATTCAAAAAGAACTGGATCACCCAGAATAGTGAAGCTGTATGATTACTTTTCACTGG
 AACTGACTCGTTTTGTACAGTATTAGAATACTGTGAAGGAAATGATCTGGACTTCTACCTAAAGCAGCA
 CAAATTAATGTGCGAGAAAAGCCCGATCCATTATTATGCAGATTGTGAATGCTTTAAAGTACTTAAAT
 GAAATAAAACCTCCCATCATACTATGACCTCAAACCAGGTAATATCCTTTTAGTAAATGGTACAGCGT
 GTGGAGAGATAAAAATTACAGATTTTGGCTTTCCAAGATCATGGATGACGATAGCTACAATTCAGTGGA
 CGGCATGGAGCTAACGTACAAGGTGCTGGTACTTATTGGTATTTGCCACCAGAGTGTTTTGTGGTTGGG
 AAAGAGCCACCAAAGATCTCAAATAAAGTCGATGTCTGGTCAGTGGGTGTGATCTTACCAGTGTCTGT
 ATGGGAGGAAGCCTTTTGGTCAAAACCAGTCCCAGCAAGATTTCTACAAGAGAATACTATTCTTAAAGC
 TACTGAAGTACAGTTCCCGCCAAAGCCAGTAGTAACACCTGAAGCAAAGGCGTTTATCAGGCGATGTTT
 GCCTATCGAAAGGAAGACCGCATTGATGTGCAGCAGCTGGCCTGTGACCCCTACTTGTTCCTCACATCC
 GAAAGTCAGTCTCCACAAGTAGTCTGCAGGAGCTGCCATTGCATCAACCTCGGGGCATCCAATAACAG
 TTCTTCGAATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191652

Insert Size: 2253 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001191652.1</u> , <u>NP_001178581.1</u>
RefSeq Size:	3689 bp
RefSeq ORF:	2253 bp
Locus ID:	303592
Cytogenetics:	10q32.1
Gene Summary:	mouse homolog is a serine threonine kinase; may have a role in phosphorylations involved in regulating spermatogenesis [RGD, Feb 2006]