

Product datasheet for **RN208502**

Tlk1 (NM_001107734) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tlk1 (NM_001107734) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tlk1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208502 representing NM_001107734
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGTGGTGTGGCACACATTCTTCTCCAAATAAAGAAATGTGCAATGGATGAACCTCACAGTCTGGATC
 CAAGAAGGCAAGAATTATTGGAAGCGAGATTTACTGGAGTTGCTACTGGGAGCACTGGGAGTACTGGGAG
 TTGCAGTGTGGAGCGAAAGCTTCAACAAATAATGAAAGTTCTAATCACAGTTTTTGAAGCTTAGGATCT
 CTAAGTGACAAAGAATCAGAGACACCAGAGAAGAAACAATCTGAGTCATCCAGGGGAAGAAAGAGAAAAAG
 CAGAAAGTCAGAAATGAAAGTAGTCAGGAAAAAGTATTGGGGGGCGTGGCCACAAGATTAGCGACTATTT
 TGAATACCAAGGTGAAATGGCTCCAGTCCCGTAAGAGGCATACCTCCAGCAATCCGTTCTCCGCAAAAC
 TCACACTCTCATTCCACTCCCTCCTCATCTGTTGACCGAATAGTCCTTCTCTACTGCATTAGCTTTTCG
 GGGACCACCCTGTTGTACAACCAAGCAGTTATCCTTTAAGATCACTCAAATGATCTTACAATGCTGAA
 ATTGGCAGCATTAGAAAGTACTAAAAATCAGGACCTGGAAGAAGGAAGGTCCGATAGATGATTTGCTC
 AGGGCCAACTGTGATCTCAGGCGGCAAAATAGATGATCAACAGAAATTACTTGAAAAATACAAAGAACGAT
 TAAATAAGTGCATATCTATGAGCAAGAACTGCTTATTGAAAAGAGTACACAAGAAAAATTTGCAAGCAG
 AGAGAAGAGTATGCAAGATCGGTTGCGCCTTGGGCACTTTACAACAGTTAGACATGGCGCTTCTTTTACA
 GAACAATGGACAGATGGTTTTGCATTTCAAAATCTTGTGAAGCAACAAGAGTGGGTGAATCAACAAGGG
 AAGATATTGAACGGCAAGAAAACTTCTAGCCAAACGCAACCTCCACAGCTAATAATTCTCAGGCACC
 TGCAACCAATTCTGAACCAAAACAAAGAAAAACAAGGCAGTCAACGGAGCAGAAATGATCCCTTTGTT
 AGACCAAAATTTACCACAACCTGCTGACTCTGGCAGAATATCATGAACAAGAGGAAATTTTAACTTAGAC
 TAGGACATCTCAAAAAGGAAGAGGCTGAAATCCAGGCGGAAGTACAGCGTTTGGAAAGGGTCAGGAATCT
 TCACATCCGAGAGCTGAAGAGAATAAACAAATGAGGATAATTACAGTTCAAAGATCATCAACATTAAAT
 GAAAGATATTTACTCCATCTGCTTGAAGAGGTGGCTTTAGTGAGGTGTATAAGGCTTTTGACTTGT
 ATGAGCAAGATATGCTGCTGTGAAGATCCACCAGCTTAATAAAGCTGGAGAGATGAGAAAAAGAAAA
 CTACCATAAACACGCTTGACAGAGATATCGAATACACAAGAGCTGGACCACCCAGAAATAGTTAACTC
 TATGATTACTTCTCTTGGACACAGATACGAAATATCCTTCTAGTAGATGGAACGGCGTGTGGAGAAATC
 AAAATCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107734

Insert Size: 1551 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_001107734.1, NP_001101204.1

RefSeq Size: 3746 bp

RefSeq ORF: 1551 bp

Locus ID: 311118

Cytogenetics: 3q22