

## Product datasheet for **RN206687**

### **Tnk1 (NM\_001107012) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tnk1 (NM_001107012) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnk1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN206687 representing NM\_001107012  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTCCCGAAGCCAGTTCCTGTGGCTCCTTCGGCTGCTCCGGACGTCAGCTGGCCAGTTCTACC  
 GGCCCATCCTTGAGGAACCAACGTCACCTCGGCCAGAACAATTTGACTTTGTAAGGCCTGAGGACCTGGA  
 CAACCTTGGCATGGGAGGCTGCCCAAGACTTACTGAAGCCCTGAAGAGGTACCGTTCGGGGTTC  
 AAGTCTAAGAACTGGGTGTACAAGATACTGGGGTTTTCTCCTGAACAGAAGGAGATCCCTCCATACT  
 CAGACAGTCTCCACACCTCCATGAGCCAGAGGGGGACTCAAGTGTCTGATTCCAGAGGGTGTGTGTG  
 CAGAGGGAACTGCTGGGTTCAAGCTGCTTTGGTGTGTACATCAAGGGCTATGGACACTACCCGGTGGT  
 CAAAGTATCCAGTGGCTGTCAAGTCCCTCCGTGTGGTCCCAGGGTCCGATGGGCACAGAAGTGGGAG  
 ACTTCTCGGGGAAGTGTCTGTCATGATGAACTGGAGCACCCACATGTGCTGCGCTGCATGGCCTCGT  
 ACTGGGCCAGCCTCTACAGATGGTGTGAACTTGCGCCACTGGGTTCCCTGCATGCGCGCTGACTGCC  
 CCAGCACCGATGCCCCACTGCCTGTAACCTACTGTGCCTTTTCTGCGTCAGTTGGCAGGAGCCATGG  
 CGTACTTGGGGTCTGTGGGTTAGTGCACAGGGATCTTGCTACCCGTAACCTCCTGCTAGCCTCACCTCG  
 GAAGATCAAGGTGGCTGATTTTGGACTGGTGGCCACTGGGCGGCGCCGAGGTCGCTACGTTATGGGT  
 GGGCCCGTCCCATCCCCTATGCCTGGTGGCTCCTGAGAGCCTACGCCAGGGAGCCTTCTCGGCTGCCT  
 CCGACGTGTGGATGTTTGGCGTGACACTCTGGGAAATGTTTTCTGGAGGGCAGGAACCTGGGCAGGTGT  
 TCCACCATATCTCATCTACAGCGGTGGAGAAGGACCGAGCCAGGCTGCCAAGCCTGCCCTCTGTTCC  
 AGGGCCCTCTACTCCCTGCCTTGCCTTGGCTTGGTGGCCCTCATCTGCAGACCGCCTACCTTTTCCAATC  
 TGAAGGACTGCTCAAGAGGCTTGGCTCTCTGAGGGGCGCTGTGTGAGGAGGTCACAGAGCCAGGTGC  
 TTTGCGGATGGAGCCCGTGAACCCATCACTATCATTGAGGGCAGCCAGACACCACAACCTGGAAGGGA  
 CAGAATGGTCGACCCCTCAAAGTGGGCAACTTCCGGCTTCAGCAGTGACACTAGCAGACTTGGGGGAT  
 CCCCAGTCACCCATCCAGTCCACAGAGGTTCCCTGCCCCTGGAGAGAAATACAGAGGGGCACAGATGG  
 GGACAGGGAGAAGGCAGTGTACAAGACCTACCCCGGCACGGAACCAGAGAAGGAAGGTGCCCTGCAG  
 AGGATGAAAGGCATTTCCAAGAGTCTGGAGTCACTTCTGTCCCTGGGCCCTAGACCCGACAGGAGTGGT  
 CAAGCCCTCCAGAACTTCGACGAGGATGTACTAGAGCTTGGCCTCAAGGACTCGCAGACCTCCCTCCAGC  
 CCCACCAGACCTGCCTCCAGCCACCCATCATCTGCTCCTCAGCCCATCCAGCCACAGAGTCCGG  
 CCCAAAAGAGAACCCTTACATAACTGACTGCACTGGAGCGCTGGGTCCAGCAAAGTCACTATCCCCCTG  
 GAGGTCCTTATCAGACTCGGAGTGGCAGAGGAAGATTGTAGAGGTAGAGCTGAGTGTGCATGGCGTCA  
 CTACCAGGAGTGCCAAATGGCACTCAGAACCATGGGGGAGATGTGGCTTCTGCTATCCGGAACCTCAAG  
 GTAGACCAGCTCTCCACCTCAGTAACCGGTCCAGAGCAGATTGTGTCGCATTCTGGAGCATCACCACT  
 GGGACCTGTCAGCAGCCAGTCCGTACGTCTGGCCCGTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107012

**Insert Size:** 2004 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\\_001107012.1](#), [NP\\_001100482.1](#)

**RefSeq Size:** 2055 bp

**RefSeq ORF:** 2004 bp

**Locus ID:** 303247

**Cytogenetics:** 10q24