

Product datasheet for **RN207549**

Twnk (NM_001107599) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Twnk (NM_001107599) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Twnk
Synonyms:	Peo1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207549 representing NM_001107599
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCTCCTTCTCGGCGTGCTTATCCCTCCGGATCTTGCTGCCACTGCGTGGGAGTGGATGGGTA
 GGAGAGGCTGCCCCGAAGCTTGGCTCCAGGCCCTCCCCGAAGAAGGTACAGAAAAGAAGCGCTTCCAGC
 CTTAGAGGTACCACTATCACCTGTGACTACAACCTGAAATCCGCCAATATTTACGAGCACATGGGATCCCC
 TTCCAGGATGGCCACAGCTGCCTTCGAGCACCAAGTCCCTTTGTGGCACCCCTCAGACATCAAAAATCAGA
 AGAAGGATGCTACCACTTCTTCTGCCTTTCATCGACAAGACCACAGGACACTTCTCTGCATGACCAG
 CCTAGCAGAAGGGAGCTGGGAAGACCTCCAGGCCAGTGTGGAGGGACGAGGCGATGGGGCCAAAGAGGGA
 ATCCTACTTGGGAGGGGCCAGAAGCTGAGGACAGGGAGGAGTCTTGAGAATCTGGAACCGAGCCATAC
 CTCTTTGGGAGCTGCCTGATCCCCAGGAAACCCAGCTAGCTCGTGTGATGTTTGGCCTTACCAAGGTGAC
 AGATGACACACTCAGGAGATTCAATGTCCGCTATCTTCGATCTACTCGAAGTCTGGTCTTCCCTTGGTTC
 ACCCTTGGGAGCTCAGGATTACGTGGCCTGAAGCTACTAGGGGTTGAGGGTCAGGAAAATGGAGTACAGT
 ATGTAGAGACCACCATTCCCCGGCTGGTGTCTATCACAACTATTTGGATTACCCCTGATCGGCCGTAG
 AGACACTGAGGTGGTCTGACAAGTCGAGAGCTGGACAGCCTGGCCTTGAGCCAGTCCACGGGGTGCCA
 ACCCTTTCCCTACCCGAGGAACGGTCTGCTTACCCCAAGCCCTACTCCCTTACCTCGAACAGTTCGGGA
 GGATTGTGTTCTGGCTAGGGGATGACCTTCGATCGTGGGAAGCTGCCAACTGTTTGCCCGAAAAGTAA
 CCGAAGCGATGCTCTTTGGTGAGGCTGGGAACCAACAACCTCGTCCCTGGAGGCTTAAACCAAGGC
 TTAAGTCTTCCCGTATTCTCCGTAAGTCCCTCCCTGCCTGGCACAAGTCTATTGTGCTTTTCGCCAGC
 TCCGAGAAGAGGTTTATGAGAGCTATCAATGTGGACCAAGCAGCCGGTGTCCGTTGGAGCCGATTCCC
 AGACCTTAATCGGCTGCTGAAGGGTCATCGGAAGGGCGAGCTGACGGTCTTTACAGGGCCAACAGGCACT
 GGCAAGACAACATTATCAGTGAGTATGCCCTGGACTTGTGTACCCAGGAGTGAACACACTGTGGGGTA
 GCTTTGAGATCAGCAATGTGAGACTAGCCCGGGTCATGCTGACTCAGTTTGTGTGACACGGCTAGAAGA
 ACAACTGGACAAGTATGAAGAGTGGGACAGCCGTTTGGAGACCTGCCTCTCTATTTTATGACTTCCAC
 GGACAACAGAGCATCAGGTCTGTCATAGACACAATGCAACATGCTGTCTACGTCTATGACGTTTGTCTG
 TAGTCATCGACAACCTGCAGTTCATGATGGGTCATGAGCAGCTCTCTACTGACAGGATCGCAGCTCAAGA
 CTACATTGTTGGAGCCTTTCGGAAGTTTCCACAGACAATAGCTGCCACGTGACTCTGGTTATTCACCCA
 CGGAAAGAAGATGACGACAAGGAACACAGACAGCATCCATTTTGGCTCAGCCAAAGCCAGCCAAGAAG
 CAGACAATGTTCTGATCTTGCAGGACAGGAAGCTGGTGACTGGGCTGGGAAACGGTATCTGCAGGTGTC
 CAAAAATCGCTTTGATGGAGACGTAGGCGTCTTCCCACTTGAGTTCAACAAGAGTTCCCTTACCTTCTCC
 ATCCCACTAAGAGCAAAGCCGACTCAAGAAGATTAAGGATGACAATGGACTAGTGCCCAAGAAGTCTCT
 CCTCTGGAAAAAAGGCTCTGCGCACCAGAAGTCTGAGACTTGATAGGCCAGGACCCCTGCCAGCCAGA
 TACCTCCCGTCTCAAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107599

Insert Size: 2052 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_001107599.1](#), [NP_001101069.1](#)

RefSeq Size: 3601 bp

RefSeq ORF: 2052 bp

Locus ID: 309441

Cytogenetics: 1q54