

Product datasheet for **RN215367**

Tktl1 (NM_001109534) Rat Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Tktl1 (NM_001109534) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Tktl1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN215367 representing NM_001109534
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGAAGCTGAGCCAAGCGTTGGGATGGCCACGATGCTGGCCTGATGAAAAGACATTGCAGGTGT
 TCGGGGACATGGCCAACCGCCTGCGAATCCGTTTTATCAGGACCACAAGTTCCTCGACCTAGCTATCT
 CACACCATGCAGCAGTGTCTGCTGAGATCATGTCTGTGCTATTTTTCTATAACAATGAGATATAAACAGGAA
 GACCTGAAAACCCAGACAATGACCGATGCATCCTTTCAAAGGGAATACCGTTTGTAAAGTAGCAACAG
 GATGGCCTGGGCAAGGACTAGGAGCTGCCCGTGGGATGGCATATACTGGCAAGTACTTTGACCAAGCCAG
 CTACCGGGTGTCTGTCTCTGGGGATGAAGAGTCCACAGAAGGCTCTGTTGGGAGGCATTTGCCTTT
 GCATCCTACTACAATCTGGACAATCTTATGGCAATCTTTGATGTGAACCGCATTGGACACAGTAGCTCCA
 TGTCTGTTGAGCACTGCGTTGGCATCTACCAGAAGCGTTGTGAAGCCTTTGGGTGGAATACTTACGTGGT
 GGATGGCCGTAATGTGGAGACCCTATGCCGTGTATTCTCACAGGCAGCTCAAGTAAGAGGCAAGCCCACT
 GCTGTGGTTGCCAAAACCTTCAAGGCCGAGGCATGCCAAATGTTGAGGATGCAGAAAGTTGGCATGGAA
 GGCAATGCCAAAAGAAAGAGCAGATGCAATTATCAAATTAATTGAGAGCCAGATACAGTCCAACAAAAT
 TCTTGTACCTTACCCCTATTGAGAACTCACCTCAAATTAACATCATGGATATACATATGGCCTCGCCC
 CCTGCTTATGTAGCTGATGACATGGTGTCTACTCAAAGAGCATGTGGTTGGCTCTGGCTAAACTGGGCC
 ATGAAAATGACAGAGTTATTGTGCTGGATAGTGACACCGAGAAGTGAACCTTTTCTGACATTTCAAGAA
 AGAACACCCAGAGAGGTTATCCAGTGTATATTGCTGAACAAAACATGGTGAATGTGGCTCTAGGATGT
 GCCACCCGTGACCGGATCATTGCTTTTGCTTGCACCTTTGCTGCCTTTTTCACCCGAGCATTGATCAGA
 TTCGATGGGAGCCATCTCAAATCAACATCAACCTTATTGGTTGCTACTGTGGGTATCTACTGGTGA
 TGACAACCCCTACCATATGGCATTGGAAGACCTGGCAATGTTCCGAGCAATTCCTAATTGCATTGTTTTC
 TATCCAAGTGATGCTGTCTCCACAGAGCATGCTATTTACTTAGCAGCCAATACTAAGGAAATGTGCTTCA
 TTCATACCAGCCAAGCAGAAACAGCAATATTTACACCACTCAAGAAACTTTTGGAGATTGGACAGGCCAA
 GGTTGTCCGCATAGTAACGATGACAAGGTCATAGTTATTGGAGCAGGAGTCACTCTGCATGAAGCCCTA
 GTAGCTGCTGATGAGCTCTCTAAAGAAGATATTTCTATCCGTGTCATTGATTTGTTTACCATTAACCTC
 TGGACAGTGCCACCATCATTTCCAATGCAAAGCCACAGGTGGCCGAATTGTCACCGTGGAGGATCACTA
 TCTAGAAGGTGGCATTGGAGGAGCTGTCTGTGCAGCAGTCTCCATGGAGCCTAACATTGTGGTTCATCGG
 CTCGACGTGATGGATGTGCTCGGAGTGAAGATGCAATGAAGCACTAGATTTTTCTGGAATCAGTTCCA
 GACACATCATTGTGGCTGTGAAATGCATCTTAATGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109534
- Insert Size:** 1791 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_001109534.1](#), [NP_001103004.1](#)

RefSeq Size: 2438 bp

RefSeq ORF: 1791 bp

Locus ID: 689374

Cytogenetics: Xq37