

Product datasheet for **RN200200**

Tcf3 (NM_133524) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcf3 (NM_133524) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tcf3
Synonyms:	Pan2; Tcfe2a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200200 representing NM_133524
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGAACCACTCTCAGAGAATGGCACCTGTTGGCTCGGACAAAGAAGTGAAGTACCTCCTGGACTTCA
 GTATGATGTTCCCGCTACCTGTGGCCAATGGCAAGGGCCGGCCCGCTCCCTAGCTGGAACCCAGTTCGC
 AGGCTCAGGACTGGAGGACCCAGCCAGCTCAGGGTCTGGGGCAACAGTGAACAGAACAGTTCTTCTTT
 GACCTAGCCGGGCATACAGCGAAGGTGCCACTTCAGTACTCCACAGCAGCCTGCCGCCTTCCACGT
 TCCTAGGAGCTGGGCTTGGAGGCAAGGGCAGTGAACGGAATGCCTATGCCACCTTCGGGAGAGACCCAG
 TGTTGGCACCCCTGAGTCAAGGCTGGCTTCTACCAGGTGAGCTGGGCTCAGCAGTCCCGGCCACTGTCC
 CCATCAGGCGTCAAGAGCAGTCCAGTATTACACCTATTCCCCAGCAACCCTCGGCGGAGAGCTGCAG
 ATGGTGGCCTGGATACTCAGCCAAAGAAGTCCGGAAGTTCCGCCTGGTCTTCTTCTCGGTATATCC
 ATCCAGCTCAGGTGATAACTACAGCAGGGACGCCACAGCCTACCCCTCCGCCAAGACCCCAAGCAGCGCT
 TACCCCTCCCCCTTCTAGTGGCAGACGGCAGCCTGCACCCCTCAGCGGAGCTCTGGAGTCCCCCTGGCC
 AGGTGGGCTTTGGGCCATGCTAGGTGATGGCTCGGCCCCCTGCCGCTTGCACCGGGCAGCAGTCCGT
 GAGCAGTGGTGCCTTTGGGGCCTCCAGCAGCAGGATCGCATGGGCTACCAGCTGCATGGGTCTGAGGTC
 AATGGCACGCTCCAGCTGTATCCAGCTTCTCAGCTGCCCTGGCACTTACAGTGGGACTTCTGGCCACA
 CGCCACCCGTGAGCGGGCCGACAGCCTTTAGGCACCCGAGGGACTACAGCCAGCAGCTCAGGGGATGC
 CCTTGGGAAGGCACTGGCCTCCATCTACTCCCGGATCACTCCAGCAATAATTTCTCGCCAGCCCTCA
 ACGCCTGTGGTTACCCAGGGCTGCCAGGGACATCACAGTGGCCCCGGGCAGGAGCGCCAGTGCCT
 TATCCCCCAACTACGATGCAGGTCTCCATGGCCTGAGTAAAATGGAAGATCGCTTGGACGAGCCATCCA
 CGTCTCCGACAGTACGCTGTCCGCACTGAAGCGAGTCCATGGACTGCTGCCTGGCCACAGCAGTTG
 ACCACAAGCTTTGCGGGCCCATGTCACTGGGCGGGCGGCATGCAGGCCTGGTCAAGCGAAGCCACCCTG
 AGGATGGCCTCACAAGTGGTCCAGTCTTTTGCATAAACCATGCCAGCCTTCCAGCCAGCCAGTCCCT
 CCCTGACCTCTCACAGAGGCCACCCGACTCCTTTAGTGGACTCGGGAGGGCAGGCGTACTGCAGGCGCC
 AGTGAGATCAAGCGGGAGGAGAAAGAGGACGAGGAGGTACATCAGTGGCAGACGCTGAGGAAGACAAGA
 AGGACCTGAAGGTCCACGCACACGTACCAGCCAGACGAGGACGAGGACGACCTTCTCCCCCAGAGCA
 GAAGGCCGAGCGGAGAGGAGCGCCGGTGGCCAATAACGCCCGAGAGCGCCTGCGTGTCCGCGACATC
 AATGAGGCCTTTAAGGAGCTCGGCCGATGTGCCAGCTGCACCTCAGCACTGAGAAGCCGACAGCAAAAC
 TGCTCATCTGCACAGCCGTGGCCGTATCCTCAGCCTGGAGCAGCAGGTGCGAGAACGCAACCTGAA
 CCCCAAAGCAGCCTGCTTGAAGCGGGGAGGAGGAGAGAAGGTATCTGGCGTGGTGGGGATCCGAGCTG
 CGCTGTCAAGCCGCCACCCGGGCTGGGTGAGGCCACAATCCAGCTGGGCACCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_133524
- Insert Size:** 1950 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_133524.2](#), [NP_598208.2](#)

RefSeq Size: 2571 bp

RefSeq ORF: 1950 bp

Locus ID: 171046

UniProt ID: [P21677](#)

Cytogenetics: 7q11

Gene Summary: transcriptional regulator; binds enhancer motifs of pancreatic exocrine genes [RGD, Feb 2006]