

Product datasheet for **RR200200**

Tcf3 (NM_133524) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide
Sequence:

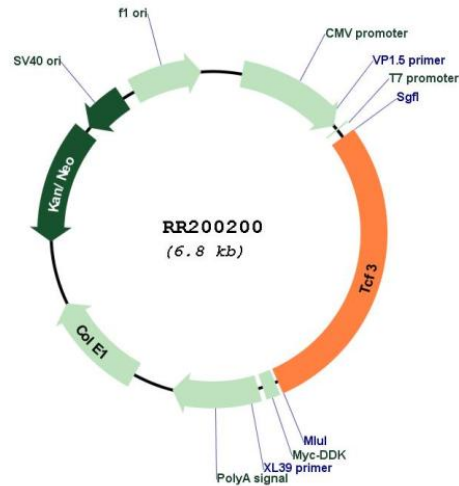
>RR200200 representing NM_133524
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGAACCACTCTCAGAGAATGGCACCTGTTGGCTCGGACAAAGAAGTGAAGTACCTCCTGGACTTCA
GTATGATGTTCCCGCTACCTGTGGCCAATGGCAAGGGCCGGCCCGCTCCCTAGCTGGAACCCAGTTCGC
AGGCTCAGGACTGGAGGACCGACCCAGCTCAGGGTCTGGGGCAACAGTGAACAGAACAGTTCTTCCCTT
GACCTAGCCGGGCATACAGCGAAGGTGCCACTTCAGTACTCCACAGCAGCCTGCCGCTTCCACGT
TCCTAGGAGCTGGGCTTGGAGGCAAGGGCAGTGAACGGAATGCCTATGCCACCTTCGGGAGAGACCCAG
TGTTGGCACCTGAGTCAAGGCTGGCTTCTACCAGGTGAGCTGGGCTCAGCAGTCCCGGGCCACTGTCC
CCATCAGGCGTCAAGAGCAGTCCAGTATTACACCTATTCCCCAGCAACCCTCGGCGGAGAGCTGCAG
ATGGTGGCTGGATACTCAGCCCAAGAAGTCCGGAAGGTTCCGCTGGTCTTCTTCTCGGTATATCC
ATCCAGCTCAGGTGATACTACAGCAGGACGCCACAGCCTACCCCTCCGCCAAGACCCAGCAGCGCT
TACCCCTCCCTTCTAGTGGCAGACGGCAGCCTGCACCCCTCAGCGGAGCTCTGGAGTCCCTCGGCC
AGGTGGGCTTGGGCCCATGCTAGGTGATGGCTCGGCCCCCTGCCGCTTGCACCGGCGCAGCAGTCCGT
GAGCAGTGGTGCCTTGGGGGCTCCAGCAGCAGGATCGCATGGGCTACCAGCTGCATGGGTCTGAGGT
AATGGCACGCTCCAGCTGTATCCAGCTTCTCAGCTGCCCTGGCACTTACAGTGGGACTTCTGGCCACA
CGCCACCCGTGAGCGGGCCGACAGCCTTTAGGCACCCGAGGGACTACAGCCAGCAGCTCAGGGGATGC
CCTTGGGAAGGCACTGGCCTCCATCTACTCCCGGATCACTCCAGCAATAATTTCTCGCCAGCCCTCA
ACGCCCTGTGGTTACCCAGGGCTGCCAGGGACATCACAGTGGCCCCGGCAGGAGCGCCAGTGCCT
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CGTCTCCGCACTCAGCTGTGCGCACTGCAAGCGAGCTCCATGGACTGCTGCCTGGCCACAGCAGTTG
ACCACAAGCTTGGCGGCCCATGCTACTGGGCGGGCGCATGCAGGCCTGGTACGCGGAAGCCACCCTG
AGGATGGCCTCACAAGTGGTGCAGTCTTTGCATAACCATGCCAGCCTTCCAGCCAGCCAGCTCCCT
CCCTGACCTCTCACAGAGGCCACCCGACTCCTTTAGTGGACTCGGGAGGGCAGGCGTACTGCAGGCGCC
AGTGAGATCAAGCGGGAGGAGAAAGAGGACGAGGAGGTACATCAGTGGCAGACGCTGAGGAAGACAAGA
AGGACCTGAAGGTCCACGCACACGTACCAGCCAGACGAGGACGAGGACGACCTTCTCCCCCAGAGCA
GAAGGCCGAGCGGAGAGGAGCGCCGGTGGCCAATAACGCCCGAGAGCGCCTGCGTGTCCGCGACATC
AATGAGGCCTTTAAGGAGCTCGGCCGATGTGCCAGCTGCACCTCAGCACTGAGAAGCCGACAGCAAA
TGCTCATCCTGCACCAGCCGTGGCCGTATCCTCAGCCTGGAGCAGCAGGTGCGAGAACGCAACCTGAA
CCCCAAAGCAGCCTGCTTGAAGCGGGCGGAGGAGGAGAAGGTATCTGGCGTGGTGGGGATCCGAGCTG
CGCTGTGACCGCCACCCGGGCTGGGTGAGGCCACAATCCAGCTGGGCACCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA

Plasmid Map:



ACCN: NM_133524

ORF Size: 1947 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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
MW:	67.6 kDa
Gene Summary:	transcriptional regulator; binds enhancer motifs of pancreatic exocrine genes [RGD, Feb 2006]