

## Product datasheet for **RN204940**

### Tf (NM\_001013110) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tf (NM_001013110) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tf
Synonyms:	Tfn; Trf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204940 representing NM\_001013110  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGTTGCTGTGGGTGCCCTGCTGGCTTGTGCCGCCCTGGGACTGTGTCTGGCTGTCCCTGACAAAA  
 CGGTCAAATGGTGCAGTGTCTGAGCATGAGAACACCAAGTGTATCAGTTTCCGTGACCACATGAAAAAC  
 CGTCTTCCAGCTGATGGCCCCGGCTTGCCTGTGTGAAGAAAACCTCCTATCAAGATTGCATCAAGGCC  
 ATTTCTGGAGGTGAAGCTGATGCCATTACCTTGGATGGGGTTGGGTGTACGATGCAGGCCCTGACTCCCA  
 ACAACCTGAAGCCTGTGGCAGCAGAGTTTTATGGATCACTTGAACATCCACAGACCCACTACTTGGCTGT  
 GGCCGTGGTGAAGAAGGGAACAGACTTCCAGCTGAACCAGCTCCAGGGCAAGAAGTCTGCCACACTGGC  
 CTGGGCAGGTCTGCAGGCTGGATTATCCCCATTGGCTTACTTTTTCTGTAAGTCCAGAGCCCCGCAAGC  
 CTCTTGAGAAAGCTGTGGCCAGTTTCTTCTCGGCAGTTGTGCCCTGTGCAGATCCAGTGGCCTTCCC  
 CCAGCTGTGTCAACTGTGTCCAGGCTGTGGCTGTCCCGACTCAACCGTTCTTTGGCTACGTAGGGGCC  
 TTCAAGTGTCTGAGAGATGGAGGTGGAGATGTGGCCTTTGTCAAGCATACAACCATATTTGAGGTCTTGC  
 CACAGAAGGCTGACAGGGATCAATATGAGCTGCTCTGCCTTGACAATACCCGCAAGCCAGTGGATCAGTA  
 TGAGGACTGCTACCTAGCCCGGATCCCTTCTCATGCTGTTGTGGCTCGAAATGGAGATGGCAAAGAGGAC  
 TTGATCTGGGAGATCCTCAAAGTGGCTCAGGAACACTTTGGCAAAGGCAAATCAAAGACTTCCAAGTGT  
 TCGGCTCTCCTTGGGAAAGACCTGCTGTTTAAAGATTCTGCCTTTGGGCTGTTACGGGTGCCCCCAAG  
 GATGGACTACAGGCTGTACCTCGCCACAGCTATGTCAGTCCATTGAAATCAGCGGGAAGGCGTGTGC  
 CCGGAGGGCTCCATCGACAGCGCCAGTGAAATGGTGTGCACTGAGTCACCAAGAGAGACCAAGTGTG  
 ATGAGTGGAGCGTCAGCAGCAATGGCAGATAGAGTGTGAGTCAGCAGAGAGACTGAGGACTGCATTGA  
 CAAGATTGTAATGGAGAAGCAGATGCCATGAGCTTGGATGGAGGTCATGCCTACATAGCAGGCCAGTGT  
 GGACTAGTGCCTCATGGCAGAGAACTATGATATCTTCTCGTGTACAAACCCACAAATCAGATGTCTTTC  
 CTAAGGGTATTATGCCGTGGCTGTGGTGAAGGCATCAGACTCCAGCATCAACTGGAACAACCTGAAAGG  
 CAAGAAGTCTGCCATACTGGAGTAGACAGAACC GCCGGTGAACATCCCTATGGGCTGCTGTTCCAGC  
 AGGATCAACCACTGCAAGTTCGATGAATTTTTAGTCAAGGCTGTGCTCCTGGCTATAAGAAGAATTCCA  
 CCCTCTGTGACCTGTGTATTGGCCAGCAAAATGTGCTCCGAACAACAGAGGGATATAATGGTTATAC  
 AGGGGCTTCCAGTGCCTCGTTGAGAAGGGAGACGTAGCCTTTGTGAAGCACCAGACTGCTCCTGAAAAAC  
 ACGAACGAAAGAAGCACTGCTGCATGGGCTAAGGATCTGAAGCAGGAAGACTTCCAGCTGCTGTGCCCTG  
 ATGGTACCAAGAAGCCTGTAAACGAGTTCGCCACCTGCCACCTGGCCCAAGCTCCAAACCATGTTGTGGT  
 CTCACGAAAAGAGAAGGCAGCCCGGTTAGCACTGTGCTGACTGCCCAGAAGGATTTATTTTGGAAAGGT  
 GACAAGGACTGCACTGGCAATTTCTGTTTGTCCGGTCTTCCACCAAGGACCTTCTGTTCCAGAGATGACA  
 CCAAGTGTGTTGACTAACTTCCAGAAGGTACCACATATGAAGAGTACTTAGGAGCAGAGTACTTGC AAGC  
 TGTTGGAAACATAAGGAAGTGTCAACCTCAGCACTCTAGAAGCCTGCCTTTCCACAAAAGTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja3804\\_h04.zip](https://cdn.origene.com/chromatograms/ja3804_h04.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001013110

**Insert Size:** 2097 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001013110.1</a></u> , <u><a href="#">NP_001013128.1</a></u>
<b>RefSeq Size:</b>	2323 bp
<b>RefSeq ORF:</b>	2097 bp
<b>Locus ID:</b>	24825
<b>UniProt ID:</b>	<u><a href="#">P12346</a></u>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	plays a role in iron transport and homeostasis [RGD, Feb 2006]