

## Product datasheet for RN201779

### Tcof1 (NM\_001106143) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tcof1 (NM_001106143) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tcof1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201779 representing NM_001106143 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCGAGGCCAGGAAGCGGGGAGCTGCTTCCCCTATTTACCATCATCTGTTGCAAGCAGGCTACG  
TCCGCGCGCGCGGGAAGTTAAGGAGCAGAGCGGCCAGAAGAATTTCTGACTCATCCCCTCACCCCTTCT  
GGACATCTATACACTGGCAACAGACCTCAGAGCTCGGCCTGAAGCAGAAGGCAGAGAATGATGAGACA  
CTGCAAGCCAAGAAGTCTCGAGTGTGACACCCTATTAGCAGCTCAGAGAGCTCAGAGGAGGAGGAAGAGG  
AGGCAGAAACGGGAAGTCCAAAGCCACCCCAAGACCCGACCTGTCAATTCACAGCTGCAGCTTTGCC  
ATCAAACATGAAACAAAAGGCAAAAGACCAAGACAGCCAACAAGACGGTGAACCTCCGTGCTGCCCCCTGCG  
TCCGAAAAGACAGCGGTCCAGCTGCTGTCTGGGAAGTACCCAAAGAGTACAGCAGAGCCCTTGGCCAGCA  
TTGTCTTGGCCTCAGAACTGAGGAGGAGGGCAGTGCCCAAGTCTGGGACCCACTGCCAAGCCTGGAAT  
GGTGTGACAGGCCAAGCCAGCAGTTCCAGCGAGGATACCTCCAGCTCAAGCGATGAGACAGATGTGGAG  
GTGAAACCCTCAACAAAACCACAGGCCAAAGCTCCAGTAACTCCTGCCAAGGATCCTCCAGCAAGAACAG  
CCTCAGGCCCTACCAAGCTAGGGGATGTGACACCCGCATCAGCAAGGGCTGCAGCCACTAAAGCGGCAGA  
GTCTGAGAGCAGTGAGGAGGACTCAGAGAGTGAGGACGAGGCCCTGCTGGCCTGCCTAGCCAGGTAA  
ACCCCTGGAAAAGTCTTCAATGTGACAGCTGCCTCAGTTTCTGCCAAGGGGATGTCTAGGAAAGGGCCCA  
TCTCAGCAACCCAGAGAAGACTGGGCCATAACCCCAAGCCAAGACAGGAAGGCCACAGAAGGATAT  
GGAAACCAGCAGTGAGGACGATTCTGACAGTGAGGATGAGATGCCAGTCACTGTGACCACTCCTCAGGCA  
AGGCCTTCCGGGAAGAGCCCTCAGGTGACAGGTACCTCTGCCCTGCCAAGGAGTCACTCCAGAAAGGGG  
CTCCTGCAGTCAACCCCTGGGAAGACAAGACCTGTGGCAGCCAGGCCAGGCAGGGAAGCCAGAGACCAG  
GAGCAGTGAGGAGTCAAGAGCGACAGTGGAGAGACACCAGCAGCTGGGACTCTAACTACAAGTCTGCC  
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CCAGGGAGAAAAGCCACTCCAGCACTCCCTCGGAAGACGGGCCCTGTGGCCACCCAGGTCAAGACTGACA  
AGGGCAAAGACCACGAGAGAGCAGCGAGGAGTGCACCGACAGCGAGGAGGAGGCAGCACCAGCAGCTTC



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TGCTGCTCAGGCTAAACCAGCTCCGATAAAGCAGATGAAAGCTTCCCCTAGGAAAGGCACGGCTGCATCC  
 ACCACAGGGGCGAGCGCCTCGTCCCCTCGTAAGGCAGGAACAAAGACCTTTCAGCCAGCCTATCATCCC  
 TGGCTCTGCCAAGGGCACCCAGAAGCCAGATGTGGACTCCTCTAGCGAGTGGGAGTCAGAAGGAGCTGC  
 TCCTGGCACCACCGGGGTACAGGGAAAGTCTGGGGAAAGGGCTCCAAGGGAGAGCTGCCTCAGGACAA  
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 ACTCAGAGAGCAGCGAAGAGGAATCCAGCAGTGAAGAAGAGGATGAGACCCACAGCACAGGTATGGCCTT  
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 GCGGCCGAGTAGTTCTCCACCCAAGGGAAAAGCACCTGCGAGTACTGTTTCAGAACAGCACCATCTCTG  
 CCAGGGGCCACGGGCTGTGCCGGCCACGGGAAAAGCAGGGGCCCCAGCAACCCAAGCACAGAAGGGGCC  
 CATGGCTGGCACAGGGGAGGACTCAGAGAGCAGCAGTGAAGAGGAGTCTGACAGTGAAGAAGAACTCCA  
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 AGAGGACTCAGAGAGCAGTAGTGAGGAATCTGACAGTACAGAGAGATACCACCAGCCATACCCCCAGCC  
 CAGGATGGTATCTCCAGTCTACCAGAAGCAAACCTCTCAGGTCTGGCACCACCCAGAGAAGAGCACAGAAG  
 AGTCTCAGAGAGCAGTATGAGGATCTGCCATCTGGCCAGGCCATTAATCCCCCTCAATTTCTGTCAA  
 CCCTAATCGTGGTCCAGCTGCCCAAGTTCACCCCAAGCAACACCAGGCTGTGAACACAAAGGAAGGCC  
 CAGGCCTCAGGCAGCACTGCCCAGAGCTCCTCCTCCGAGAGTGAAGGATGAGGACATGATTCTGCCACAC  
 AACCCCCACCCCTTGCCATCAGAACCAATGTGACTACGCCACAGCCCTCTCACAAACAGCCGCCAAACC  
 CAGCAAGAGTGAGCAGTCTAGTCGGATGCCAAAAGGCAAGAAACCAAGACAGCGTCCACTCAGATCAGC  
 AGTGCCATGGAAGCACTCCCCGTGACGCTTCCCAGAGCACACCTGCCCAGTCCAAAACCAACAAGC  
 TGGGGGACCCAAACTTGCTGAGAAGCAGCAGCTTACCCAGGCTACCCAAAGCCCCAGGAGCTCAGA  
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 AGGCTGGATCCAGACGCTTCCCAGAAGGAAACTGTGGTAGAGGAGACCCCTACAGAATCCAGCAGCAG  
 AGATGGTGGCCCCCTCACAGTCTCTCCTCAGGTTATGTGACTCCCGGCTTAACGTGGCCAATTTCCA  
 GCCTTCAAAGCTACTCCTAGGCCAGAGCCAAACCCCTTGGTTTCTCTGCTCCAGCCACAAAGATAAC  
 CCAGATGGCAAGCAGAAATCAAAATCCCAAGACTCCACTGCAGACACCACACTCCGTAACCCGGTAGGA  
 AAGAGGCCTCCTCAGGATCCACACCTCAGAAGCCCAAGAAGCCCAAGAAGAGCACCTTGAGCTACCAGC  
 CCCGGCACAGACTGCCGAACAGCATACCCAGCGCCTCCTGGAGCAGCCCTGGCCCTGAGTGAGGCA  
 CAGGTGCAGGCCCTGTGATGAAGTCTGACAGAAGTCTGGAGCAGGAAAGGCAGAAGGCCACCGAGG  
 CCATCAAGGAGAGTGAAAGAAGGGCCAGAAACGGAAACTATCAGGGACAGGTAGAAGCTGGGGCCCC  
 AAAGAACAAGAAGAAGAGCAGCAGCTTGGCGCTGGGACAAGTGTGTTCCCCAGAAAAGCCCTCAGG  
 ACTTCAAAGGCAAAATCAAAACTAAACAAGGGAGTGCTGGTGGCAAGGGGAAGGGGTCTCTGTCCCC  
 AAGGAGCCAAGGAGAAGCCGAAGGCAAGCTGGGGATAAAGCTTGAGAGTGGAGAGCAGAGTGACCCGAA  
 GAGCAAGAAGGAAAAGAAGAAATCCAGTAAGAAAAGAAAAAGGAAAAAGACCCAGCCAAAGGACTCTG  
 CCTCACCGGTCCAGAAGAAGAAAAGAAGAAGAAGACAGCCGAGCCTGCTGTGTGAGGGCCAGGCGAG  
 CGCATAGAACAGAGTCTTGGCAGAGCGTGACCATCCCCAGGCCTTGACCTCTGGGCACTGTGAGTTGGG  
 ACTGGACTTTTTAATTTGCCCTCCCTCGGCAGAAGGTGATGGCTGGCGTTGCTGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001106143

**Insert Size:**

4188 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>NM_001106143.1, NP_001099613.1</u>
<b>RefSeq Size:</b>	4627 bp
<b>RefSeq ORF:</b>	4188 bp
<b>Locus ID:</b>	291571
<b>Cytogenetics:</b>	18q12.1