

## Product datasheet for **RN214204**

### **Tcf12 (NM\_013176) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tcf12 (NM_013176) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tcf12
Synonyms:	SCBPA; SCBP alpha
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN214204 representing NM\_013176  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATCCCAGCAGCAGCGCATGGCCGATAGGGACCGACAAGGAGCTGAGCGACCTGCTGGACTTCA  
 GTGCGATGTTTTCTCCACCTGTTAATAGTGGGAAAACGAGACCAACGACACTGGGAAGTAGTCAGTTCAG  
 CGGGTCAGGTATGGATGAGCGTGGAGGAACAACGCTCTGGGGAACAAGCGGTCAACCAAGCCCTCTAT  
 GATTCTAGTAGAGTTTTACAGACAGCCCTCATTACAGTGATCACTTGAATGACAGTCGATTAGGAACCC  
 ATGAAGGCTTGTCCCAACACCTTTTCACTGAACCTCAATCTGATAGGGAAAACCTCAGAGAGAGGCTCATT  
 TTCCCTGTACAGCAGAGACTCTGGATTATCAGGCTGTCAGTCTAGTCTCCTGAGACAAGATCTAGGACTC  
 GGGAGCCAGCACAGTTGCTTCTTCAGGAAAACCTGGAACACCATACTACTCATTCTCTGCCACAAGTT  
 CTAGAAGAAGACCGCTCCATGATTCTGTAGCTCTAGATCCTTTACAAGCAAAGAAAGTAAAGAAAGTGCC  
 TCCTGGCTACCTTCTTCTGTGTATGCACCATCCCAAATCTGACGATTTCAACCGTGAATCTCCTAGT  
 TACCCATCTCCAAGCCCAACCAAGTATGTTCCGCTAGCACTTTCTTTATGCAAGATGGCACTCACAGTT  
 CTCTGACCTTTGGAGTTCATCGAATGGGATGAGCCAGCCTGGTTTTGGTGGAAATCTGGGGACCTCCAC  
 TTCCACATGTCTCAGTCCAGTAGTTATGGCAGTCTTCATTACATGACCGCTTGAGTTATCCTCCACAC  
 TCAGTGTACCAACAGACATAAACACAAGTCTTCCGCAATGTCCAGCTTCCACCGTGGTAGTACCAGCA  
 GCTCACCATATGTTGCCGCTCACATACTCCTCCCATCAATGGATCAGATAGCATCTCGGAAACCCGAGG  
 GAATGTGCTGGAAGCTCACAGACCGGTGATGCACTTGGGAAGGCCTTGGCATCTATTTATTCTCCTGAC  
 CACACAAGCAGTAGTTTTCCATCAAACCCATCAACACCAGTAGGATCTCCTTACCTCTCACAGCAGGTA  
 CCAGTCAGTGGCCAGAGCTGGAGGGCAAGCTCCTTCACTCCCAAGCTATGAAAACCTCACTTCACTCCCT  
 GAAAAATCGAGTTGAGCAGCAACTTACAGCATTGCAAGATGCAATGCCTTCTTAAAGGATGTCTGT  
 GAGCAGTCTCGAATGGAAGACCGTTTAGACAGGCTGGATGATGCTATCCATGTGTACGGAACCATGCAG  
 TTGGACCTTCTACCAGTCTGCCTACTAGCCACAGTGATATACACAGTTTATTGGGACCATCCATAATGC  
 ACCAATTGGAAACCTCAATCAAACCTATGGAGGATCAAGCCTTGTACAAATAGTCGATCAGCTTCGATG  
 GTCGGAACCTCATCGGGAAGATTCGGTCAGTCTCAATGGCAATCATTGGTCTGTCTAGTACTGTTGCTG  
 CCTCAAACACAGAACTGAACCAAAAACACCAGAAAGTTTTCAGAGGTGGTGTACAAAATCAGTCTGGAAG  
 TGTTGTTCCAACAGAAATCAAGACTGAAAACAAAAGAAAAGATGAAAACCTTTCATGAACCTCCTTATCA  
 GATGACATGAAATCAGATGATGAGTCTCCAGAAAGACATCAAAGTCTCATCTAGAGGCAGAACAAAGCA  
 GTACCAATGAAGATGAGGATCTGAATCCAGAACAGAAAATCGAAAAGGAGAAAGGAAAGGCGGATGGCTAA  
 CAATGCCAGAGAGCGCTTGCCTGTGCGGGATATCAATGAGGCATTCAAGGAGCTCGGCCGAATGTGTGAG  
 CTTTCAATTTGAAAGAGTGAGAAACACAGACAAAACCTTCTCATTCTTTCATCAAGCCGTGGCAGTCATCCTTA  
 GTCTAGAACAGCAAGTCAGAGAGAGGAACCTCAACCCCAAGCAGCCTGCCTTAAGAGAAGAGAAGAAGA  
 AAAGGTCTCTGCTGCGTCAGCAGAGCCGCCACCACGTTGCCAGGAACCCATCCTGGGCTTAGTGAGACA  
 ACCAACCCATGGGTCATCTGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_013176  
**Insert Size:** 2124 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>	<a href="#">NM_013176.2</a> , <a href="#">NP_037308.1</a>
<b>RefSeq Size:</b>	2531 bp
<b>RefSeq ORF:</b>	2124 bp
<b>Locus ID:</b>	25720
<b>UniProt ID:</b>	<a href="#">P51514</a>
<b>Cytogenetics:</b>	8q24
<b>Gene Summary:</b>	basic helix-loop-helix (bHLH) E-protein that recognizes the consensus binding site CANNTG (E-box); may be a transcriptional activator [RGD, Feb 2006]