

## Product datasheet for **RN200076**

### **Tbc1d14 (NM\_001034021) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tbc1d14 (NM_001034021) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d14
Synonyms:	SRF-2; UR-NR#2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN200076 representing NM\_001034021  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTGATGAAACCTTCCACCTCTATGAATGGTGTAGCATTGATGGGCATTCTAGATGGTCGGCCAG  
 GAGACTCCCTTCAGGAATTGCAACACCTTAGTATCAAGGCAGTGCCAGATCCCTTTCAGTGCCTGACTA  
 TGGACCTACACTAAAACCTTGGTGCCTTGGGAAGATCGACACAGCCTTCAGTCAGTGGACTCGGGCATTCT  
 ACCCTGGAGATTGGCAACCCAGAGCCTGTTCCCTGCAGTGTGGTCCATGTGAAGAGAAAGCAGTCTGAGT  
 CAGAGATCATCCCGAGCGGGCCTTCCAGAGTGCCTGCCCTTGCATCCTGTACACCCTCAGCTCCAC  
 TGGCAGCGAACGGGAGCAAGCTGTGCGGAAGTCTCCACCTTCCAGGACAGGCTATGACTCAGTGAAA  
 CTCTACAGCCCCACCTCAAAGCCTTGAGCCGAAGTGACGATGTCTGTCTGCAGTGTCTAGTCTTG  
 GCACAGAACTGTCAACCACATTGTCGGTAGCAATGAGGACATCTGGACCTCATGGTCAGGCAATTC  
 CAGTGCCTATTGTGACGCTGGAGAAGCATGATGACCCCACTTACTGATGTCACCCTGAGCTCCATCAAG  
 GAAACCAGTGACTTACACCAGCAGGATTGTGTTGCTGAGACTGAGGAGGGGAGGAAATTGAGGCTATTGC  
 AACCATTCAGCCACTTCTCACAAAGGAATTTGCTTGTAGAAAAGCAAAATGCAAGACTTGATAGACAGAG  
 AGATTTGGGATGGAAGCTGTTTGGAAAAGTCCCACTCCGAGAGACTGCTCAGAAAAGATTCAAAGAAAACA  
 CAAAAGGAATATGAAGACAAGGCTGGAAGACCAAGCAGGCCGCCCTCTCAAAGCAGAATGTGAGGAAGA  
 ACCTGGATTTTGGCCACTGTCCACCACAGCGCTCATCCTTGAGGACAGACCCCGGAATCTCCAGCAAA  
 GCCAGCTGAAGAAGCTCAAAGCACAGACAGCAGTATGAAGAGATGGTGGTGCAGGCTAAGAAACGAGAG  
 CTTAAAGAAGCCAGCGCGGAAGAAACAGCTGGAGGAAAGTGAAGGTTGAAGAGACATTGGAACG  
 CCGTCCCTCACCTGGAATAATGAGATCTTGCCTAACTGGGAAACCATGTGGTGTCTAAGAAGTTTCGAGA  
 CTTGTGGTGGCAGGGAATCCCTCCGAGTGTAAAGGGCAAAGTTTGGAGCTTGGCCATTGGCAACGAGCTG  
 AACATCACTCACGAGCTCTTGCATCTGTCTTGCCTCGGGCCAAGGAGCGGTGGCGTCCCTCAGCACTG  
 GAGGCTCAGAAGTGGAGAATGAAGATGTGGGTTTTAGCAGCAGACAGAGAGGCCAGTCTGGAGCTTAT  
 TAAACTGGACATTTCTAGAACATTTCTAATCTCTGCATTTTCCAGCAAGGTGGTCCATATCATGACATG  
 TTGCACAGTATTTGGCGCTTATACTTGTACCAGCGGATGTGGGTTATGTTCCAGGCGATGCTCTTTA  
 TAGCTGCAGTGTGATCTTGAACCTCGATACTGCAGATGCCTTTATTGCTTTTTCTAATCTTTTGAATAA  
 ACCCTGTCAAATGGCGTTTTTCCGAGTGGACCATGGCCTTATGTTGACTACTTTGCTGCATTTGAGGTA  
 TTCTTTGAAGAAAACCTGCCGAAATGTTTGCAGATTTCAAGAAAACAACCTTAAGTGCAGACATCTACC  
 TAATTGATTGGATTTTTACCTTGTACAGTAAGTCCCTGCCCTTGGACTTGGCCTGCCGATCTGGGATGT  
 ATTCTGTGAGATGGAGAGGAATTTCTTCCGCACAGCTCTGGGATCCTGAAGCTTTTGGAGATATC  
 CTGACCAGGATGGACTTCATCCACAGTGCCAGTTTCTGACCAGGCTGCCTGAGGACCTGCCAGCAGACG  
 ACGTGTTCGACGATATCTCTACAGTCCAGATGCAAAGCCGCAACAAGAAATGGGCACAGGTGCTGTCTGC  
 ACTGCAGAAAGACAGCCGGGAAATGGAGAAAGGAAGCCCATCACTCAGACACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001034021

**Insert Size:** 2085 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_001034021.2</a></u> , <u><a href="#">NP_001029193.2</a></u>
<b>RefSeq Size:</b>	4721 bp
<b>RefSeq ORF:</b>	2085 bp
<b>Locus ID:</b>	360956
<b>UniProt ID:</b>	<u><a href="#">Q5CD77</a></u>
<b>Cytogenetics:</b>	14q21
<b>Gene Summary:</b>	Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function]