

## Product datasheet for **RR200078**

### **Tbc1d14 (NM\_001113365) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tbc1d14 (NM_001113365) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tbc1d14
Synonyms:	SRF-2; UR-NR#2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR200078 representing NM\_001113365  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGGCTTTATCTAGACCGCTTCTGGGACTGATGGTAAAAGTTTCTTCTTGGACCAAGATGACTGATG  
 GAAACCTTCCACCTCTATGAATGGTGTAGCATTGATGGCATTCTAGATGGTCGGCCAGGAGACTCCCT  
 TCAGGAATTGCAACACCTTAGTATCAAGGCAGTGCCAGATCCCTTTCAGTGCCTGACTATGGACCTACA  
 CTA AAAACTTGGTCTTTGGAAGATCGACACAGCCTTCAGTCAGTGGACTCGGGCATTCTACCTGGAGA  
 TTGGCAACCCAGAGCCTGTTCCCTGCAGTGTGGTCCATGTGAAGAGAAAGCAGTCTGAGTCAGAGATCAT  
 CCCGGAGCGGGCCTTCCAGAGTGCCTGCCCTTGGCCATCTGTACACCCTCAGCTCCCACTGGCAGCGAA  
 CGGGAGCAAGCTGTGCGGAAGTCTCCACCTTCCAGGACAGGCTATGACTCAGTAAAAGTCTACAGCC  
 CCACCTCAAAGCCTTGAGCCGAAGTGACGATGTCTCTGTCTGCAGTGTGTCTAGTCTTGGCACAGAAGT  
 GTC AACACATTGTCGGTTAGCAATGAGGACATCTTGGACCTCATGGTCACGAGCAATCCAGTGCCATT  
 GTGACGCTGGAGAACGATGATGACCCCCAGTTTACTGATGTCACCCTGAGCTCCATCAAGGAAACCAGTG  
 ACTTACACCAGCAGGATTGTGTTGCTGAGACTGAGGAGGGGAGGAAATTGAGGCTATTGCAACCATTTCAG  
 CCACCTTCTCACAAGGAATTTGCTTGTAGAAAAGCAAAATGCAAGACTTGATAGACAGAGAGATTTGGGA  
 TGGAAAGCTGTTTGGAAAAGTCCCACTCCGAGAGACTGCTCAGAAAAGATTCAAAGAAAACACAAAAGGAAT  
 ATGAAGACAAGGCTGGAAGACCAAGCAGGCCGCCCTCTCCAAAGCAGAATGTGAGGAAGAACCCTGGATTT  
 TGAGCCACTGTCCACCACAGCGCTCATCCTTGAGGACAGACCCGGAATCTCCAGCAAAGCCAGCTGAA  
 GAAGCTCAAAGCACAGACAGCAGTATGAAGAGATGGTGGTGCAGGCTAAGAAAACGAGAGCTTAAAGAAG  
 CCCAGCGCGGGAAGAAAACAGCTGGAGGAAAGTGCAAGTTGAAGAGAGCATTGGAAAACGCCCTCTCAC  
 CTGGAATAATGAGATCTTGCCTAACTGGGAAACCATGTGGTGTCTAAGAAGGTTTCGAGACTTGTGGTGG  
 CAGGGAATCCCTCCGAGTGAAGAGGCAAAAGTTTGGAGCTTGGCCATTGGCAACGAGCTGAACATCACTC  
 ACGAGCTCTTTGACATCTGTCTTGTCTCGGGCCAAGGAGCGGTGGCGGTCCCTCAGCACTGGAGGCTCAGA  
 AGTGGAGAATGAAGATGCTGGGTTTTCCAGCAGCAGACAGAGAGGCCAGTCTGGAGCTTATTA AACTGGAC  
 ATTTCTAGAACATTTCTAATCTCTGCATTTCCAGCAAGGTGGTCCATATCATGACATGTTGCACAGTA  
 TTTTGGGCGCTTATACTTGTACCGGCCGGATGTGGGTTATGTTACAGGCATGCCTTTATAGCTGCAGT  
 GTTGATCTGAACCTCGATACTGCAGATGCCTTTATTGCTTTTTCTAATCTTTTGAATAAACCTGTCAA  
 ATGGCGTTTTTCCGAGTGGACCATGGCCTTATGTTGACTTACTTTGCTGCATTTGAGGTATTCTTTGAAG  
 AAAACTTGCCGAAATGTTTGCGCATTTCAAGAAAACA ACTTAACTGCAGACATCTACCTAATTGATTG  
 GATTTTTACCTGTACAGTAAGTCCCTGCCCTTGGACTTGGCCTGCCGATCTGGGATGATTCTGTGCGA  
 GATGGAGAGGAATTTCTTCCGCACAGCTCTGGGCATCTGAAGCTTTTTGAGGATATCTGACCAGGA  
 TGGACTTCATCCACAGTGCCAGTTTCTGACCAGGCTGCCTGAGGACCTGCCAGCAGACGAGTGTTCGC  
 AGCTATCTCTACAGTCCAGATGCAAAGCCGCAACAAGAAATGGGCACAGGTGCTGTCTGCACTGCAGAAA  
 GACAGCCGGAAATGGAGAAAGGAAGCCCATCACTCAGACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_001113365.1](#), [NP\\_001106836.1](#)

**RefSeq Size:** 4948 bp

**RefSeq ORF:** 2145 bp

**Locus ID:** 360956

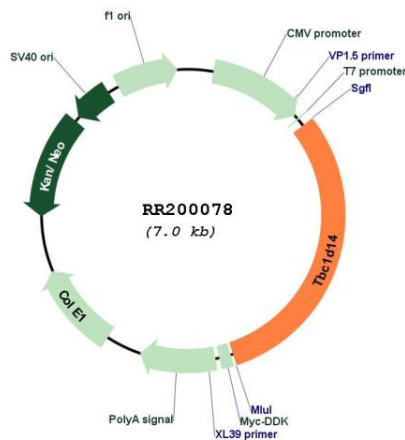
**UniProt ID:** [Q5CD77](#)

**Cytogenetics:** 14q21

**MW:** 80.7 kDa

**Gene Summary:** Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RR200078