

Product datasheet for **RN200078**

Tbc1d14 (NM_001113365) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d14 (NM_001113365) 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



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Fully Sequenced ORF: >RN200078 representing NM_001113365
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGCTTTATCTAGACCGCTTCTGGGACTGATGGTAAAAGTTTCTTCTTGGACCAAGATGACTGATG
 GAAACCTTTCCACTCTATGAATGGTGTAGCATTGATGGCATTCTAGATGGTCGGCCAGGAGACTCCCT
 TCAGGAATTGCAACACCTTAGTATCAAGGCAGTGCCAGATCCCTTTTCAGTGCCTGACTATGGACCTACA
 CTA AAAACTTGGTCTTTGGAAGATCGACACAGCCTTCAGTCAGTGGACTCGGGCATTCTACCTGGAGA
 TTGGCAACCCAGAGCCTGTTCCCTGCAGTGTGGTCCATGTGAAGAGAAAGCAGTCTGAGTCAGAGATCAT
 CCCGGAGCGGGCCTTCCAGAGTGCCTGCCCTTGGCCATCTGTACACCCTCAGCTCCACTGGCAGCGAA
 CGGGAGCAAGCTGTGCGGAAGTCTCCACCTTTCCAGGACAGGCTATGACTCAGTAAAAGTCTACAGCC
 CCACCTCAAAGCCTTGAGCCGAAGTGACGATGTCTCTGTCTGCAGTGTGTCTAGTCTTGGCACAGAAGT
 GTC AACACATTGTCGGTTAGCAATGAGGACATCTTGGACCTCATGGTCACGAGCAATCCAGTGCCATT
 GTGACGCTGGAGAACGATGATGACCCCCAGTTACTGATGTCACCTGAGCTCCATCAAGGAAACCAAGT
 ACTTACACCAGCAGGATTGTGTTGCTGAGACTGAGGAGGGGAGGAAATTGAGGCTATTGCAACATTTCAG
 CCACTTCTTACAAGGAATTTGCTTGTAGAAAAGCAAAATGCAAGACTTGATAGACAGAGAGATTTGGGA
 TGGAAAGCTGTTTGGAAAAGTCCCACTCCGAGAGACTGCTCAGAAAAGATTCAAAGAAAACACAAAAGGAAT
 ATGAAGACAAGGCTGGAAGACCAAGCAGGCCGCCCTCTCCAAAGCAGAATGTGAGGAAGAAGCTGGATTT
 TGAGCCACTGTCCACCACAGCGCTATCCTTGAGGACAGACCCGGAATCTCCAGCAAAGCCAGCTGAA
 GAAGCTCAAAGCACAGACAGCAGTATGAAGAGATGGTGGTGCAGGCTAAGAAAACGAGAGCTTAAAGAAG
 CCCAGCGCGGGAAGAAAACAGCTGGAGGAAAGTGCAAGTTGAAGAGAGCATTGGAAAACCGCCCTCAC
 CTGGAATAATGAGATCTTGCCCTAACTGGGAAACCATGTGGTGTCTAAGAAGGTTTCGAGACTTGTGGTGG
 CAGGGAATCCCTCCGAGTGAAGAGGCAAAAGTTTGGAGCTTGGCCATTGGCAACGAGCTGAACATCACTC
 ACGAGCTCTTTGACATCTGTCTTGTCTCGGGCCAAGGAGCGGTGGCGGTCCCTCAGCACTGGAGGCTCAGA
 AGTGGAGAATGAAGATGCTGGGTTTTCCAGCAGCAGACAGAGAGGCCAGTCTGGAGCTTATTAAGCTGGAC
 ATTTCTAGAACATTTCTAATCTCTGCATTTCCAGCAAGGTGGTCCATATCATGACATGTTGCACAGTA
 TTTTGGGCGCTTACTTGTACCAGCGGATGTGGGTTATGTTACAGGCATGCCTTTATAGCTGCAGT
 GTTGATCTTGAACCTCGATACTGCAGATGCCTTTATTGCTTTTTCTAATCTTTTGAATAAACCTGTCAA
 ATGGCGTTTTTCCGAGTGGACCATGGCCTTATGTTGACTTACTTTGCTGCATTTGAGGTATTCTTTGAAG
 AAAACTTGCCGAAATGTTTGCAGATTTCAAGAAAACAACCTAACTGCAGACATCTACCTAATTGATTG
 GATTTTTACCTGTACAGTAAGTCCCTGCCCTTGGACTTGGCCTGCCGATCTGGGATGATTCTGTGCGA
 GATGGAGAGGAATTTCTTCCGCACAGCTCTGGGCATCTGAAGCTTTTTGAGGATATCTGACCAGGA
 TGGACTTCATCCACAGTGCCAGTTTCTGACCAGGCTGCCTGAGGACCTGCCAGCAGACGAGTGTTCGC
 AGCTATCTCTACAGTCCAGATGCAAAGCCGCAACAAGAAATGGGCACAGGTGCTGTCTGCACTGCAGAAA
 GACAGCCGGGAAATGGAGAAAGGAAGCCCATCACTCAGACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001113365
Insert Size: 2145 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).

Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001113365.1</u> , <u>NP_001106836.1</u>
RefSeq Size:	4948 bp
RefSeq ORF:	2145 bp
Locus ID:	360956
UniProt ID:	<u>Q5CD77</u>
Cytogenetics:	14q21
Gene Summary:	Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function]