

## Product datasheet for MC212064

### Tbc1d14 (NM\_001113364) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d14 (NM_001113364) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d14
Synonyms:	2810413P16Rik; AU043625; C86258; D5Ertd110e; mKIAA1322
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212064 representing NM_001113364 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAATATGAAGACAAGGCTGGAAGACCGAGCAGGCCACCCTCTCCAAGCAGAATGTGAGGAAGAACC  
TGGATTTTGGCCACTGTCCACCACGGCGCTCATCCTCGAGGACAGACCTGCAAACTCCCAGCCAAGCC  
AGCTGAAGAAGCTCAAAAGCACAGACAGCAGTATGAAGAGATGGTGTGCAGGCCAAGAAACGAGAGCTT  
AAAGAAGCCCAGCGTCGGAGGAAGCAGCTGGAGGAAAGGTGCAAGGTTGAAGAGAGCATTGGGAACGCTG  
TCCTCACCTGGAACAATGAGATCTTGCCTAACTGGGAAACCATGTGGTGTCTAAGAAGGTTTCGAGACTT  
GTGGTGGCAGGGAATCCCTCCGAGTGTAAAGAGGCAAGTTTGGAGCTTGGCCATTGGCAACGAGTTGAAC  
ATCACTCACGAGCTCTTTGACATCTGTCTTGTCTCGGGCCAAGGAGCGGTGGCGGTCCCTCAGCACTGGAG  
GCTCAGAAGTGGAGAATGAAGATGCTGGGTTTTTCAGCAGCAGACAGAGAGGCCAGTCTGGAGCTTATTA  
ACTGGACATTTCTAGAACATTTCTAATCTCTGCATTTTCCAGCAAGGTGGTCCGTATCATGACATGTTG  
CACAGTATTTGGGCGCTTATACTTGTACCAGGCGGATGTGGTTATGTTTCAGGGCATGTCCTTTATAG  
CTGCAGTGTGATCTTGAACCTCGATACTGCAGATGCCTTTATTGCTTTTTCTAATCTTTGAATAAACC  
CTGTCAAATGGCGTTTTTCCGAGTGGACCATGGCCTTATGTTGACTTACTTTGCTGCATTTGAGGTATTC  
TTTGAAGAAAACCTTGCCGAAATTGTTTGCGCATTTCAAGAAAAACAACCTAACTGCAGATATCTACCTAA  
TCGATTGGATTTTACCTTGTACAGTAAGTCCCTGCCCTTGGACTTGGCCTGCCGCATCTGGGACGTATT  
CTGTGAGATGGAGAGGAATTTCTTCCGCACAGCTCTGGGCATCCTGAAGCTTTTTGAAGATATCCTG  
ACCAGGATGGACTTCATCCACAGTGCCAGTTTCTGACCAGGCTGCCTGAGGACCTGCCCGCAGATGAAG  
TGTTTGCAGTATCTCCACAGTCCAGATGCAAAGCCGGAACAAGAAATGGGCACAGGTGCTGTCTGCACT  
GCAGAAAGACAGCCGGGAGATGGAGAAAGGAAGCCCATCCCTCAGACAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001113364
<b>Insert Size:</b>	1242 bp
<b>OTI Disclaimer:</b>	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_001113364.1</a> , <a href="#">NP_001106835.1</a>
<b>RefSeq Size:</b>	3897 bp
<b>RefSeq ORF:</b>	1242 bp
<b>Locus ID:</b>	100855
<b>UniProt ID:</b>	<a href="#">Q8CGA2</a>
<b>Cytogenetics:</b>	5 19.15 cM
<b>Gene Summary:</b>	Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function]