

Product datasheet for **MC221029**

Tbc1d14 (NM_001113362) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d14 (NM_001113362) 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



[View online »](#)

Fully Sequenced ORF: >MC221029 representing NM_001113362
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGCTTTATCTAGACCGCTTCTGGGACTGATGGCAAAGTTTCTTCTGGGACCAAGATGACTGATG
 GAAACCTTTCCACTCGATGAATGGTGTAGCATTGATGGGCATCCTAGATGGTCGGCAAGGAGACTCCCT
 TCAGGACCTACAACACCTTAGTATCAAGGCGGCTCCCAGATCCCTTTTCAGTGCCTGACTACGGACCTTCA
 CTA AAAACTTGGTCTTTGGAAGATCGACACAGCCTTCAATCAGTGGACTCGGGCATTCTACCCCTGGAGA
 TTGGCAACCCAGAGCCTGTTCCCTGCAGTGTGGTCCATGTGAAGAGAAAGCAGTCTGAGTCAGAGATCGT
 CCCGGAGCGGGCCTTCCAGAGTGCATGCCCGTGCCGTCGTGCACACCCTCAGCTCCACCTGCAGCGAG
 CGGGAGCAGGTTGTGCGGAAGTCTCCACATTTCTAGGACAGGCTATGACTCAGTCAAAGTCTACAGCC
 CCACCTCAAAGCCTTGAGCCGAAGTGACAATGTCTCTGTCTGCAGTGTGTCTAGTCTTGGCACAGAGCT
 GTCAACTACGTTGTCGGTCAGCAATGAGGACATCTTGGACCTCATGGTCACGAGCAATCCAGCGCTATT
 GTGACCTGGAGAATGATGATGACCCACAGTTTACTGACGTCACCTGAGCTCCAATGAAACCAGCG
 ACTTACACCAGCAGGACTGTGTTGCTGAGACTGAGGAGGGGAGGAAATTGAAACTATTGCACCCATTTCAG
 TCCTTCTTTACAAGGAATTTGCTTGTAGAAAACAAAATGCAAGGCTTGATAGACAGAGAGACTTGGGA
 TGGAAAGCTGTTTGGAAAAGTCCCACTCCGAGAGACTGCTCAGAAAAGATTCAAAGAAGACCCAGAAGGAAT
 ATGAAGACAAGGCTGGAAGACCGAGCAGGCCACCTCTCCAAGCAGAATGTGAGGAAGAACCTGGATTT
 TGAGCCACTGTCCACCACGGCGCTATCCTCGAGGACAGACCTGCAAATCTCCAGCCAAGCCAGCTGAA
 GAAGCTCAAAGCACAGACAGCAGTATGAAGAGATGGTGTGCAGGCCAAGAAACGAGAGCTTAAAGAAG
 CCCAGCGTCGGAGGAAGCAGCTGGAGGAAAGTGCAAGTTGAAGAGAGCATTGGGAACGCTGTCCCTCAC
 CTGGAAACAATGAGATCTTGCCCTAACTGGGAAACCATGTGGTGTCTAAGAAGGTTTCGAGACTTGTGGTGG
 CAGGGAATCCCTCCGAGTGAAGAGGCAAAGTTTGGAGCTTGGCCATTGGCAACGAGTTGAACATCACTC
 ACGAGCTCTTTGACATCTGTCTTGTCTCGGGCCAAGGAGCGGTGGCGGTCCCTCAGCACTGGAGGCTCAGA
 AGTGGAGAATGAAGATGCTGGGTTTTCCAGCAGCAGACAGAGAGGCCAGTCTGGAGCTTATTA AACTGGAC
 ATTTCTAGAACATTTCTAATCTCTGCATTTCCAGCAAGGTGGTCCGTATCATGACATGTTGCACAGTA
 TTTTGGGCGCTTATACTGTTACCGGCCGATGTGGGTTATGTTACGGGCATGCCTTTATAGTGCAGT
 GTTGATCTTGAACCTCGATACTGCAGATGCCTTTATTGCTTTTTCTAATCTTTTGAATAAACCTGTCAA
 ATGGCGTTTTTCCGAGTGGACCATGGCCTTATGTTGACTTACTTTGCTGCATTTGAGGTATTCTTTGAAG
 AAAACTTGCCGAAATGTTTGCAGATTTCAAGAAAACAACCTAACTGCAGATATCTACCTAATCGATTG
 GATTTTACCTTGTACAGTAAGTCCCTGCCCTTGGACTTGGCCTGCCGATCTGGGACGTATTCTGTGCGA
 GATGGAGAGGAATTTCTTCCGCACAGCTCTGGGCATCCTGAAGCTTTTGAAGATATCCTGACCAGGA
 TGGACTTCATCCACAGTCCCAAGTCTTGCAGGCTGCTGAGGACCTGCCCGCAGATGAAGTGTGTTGC
 AGCTATCTCCACAGTCCAGATGCAAAGCCGGAACAAGAAATGGGCACAGGTGCTGTCTGCACTGCAGAAA
 GACAGCCGGGAGATGGAGAAAGGAAGCCCATCCCTCAGACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001113362
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_001113362.1</u> , <u>NP_001106833.1</u>
RefSeq Size:	4783 bp
RefSeq ORF:	2145 bp
Locus ID:	100855
UniProt ID:	<u>Q8CGA2</u>
Cytogenetics:	5 19.15 cM
Gene Summary:	Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function]