

## Product datasheet for MC211512

### Tbc1d21 (NM\_028854) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d21 (NM_028854) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d21
Synonyms:	1700095K08Rik; MgcRabGAP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211512 representing NM_028854 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGACTACCCTTTCTCCAGAAAACAGCCTCTCTGCCAGGCGATCAGCCACCTTCATTCTGGAGAAGAGAA  
ACCCCCCATTGACAAGGCAGAATGGGACAGCTTCTTCGATGAGAATGGTCACTTGCCAAGTCACGAGA  
CTTCATTTGCATTAACATCCTGGAAAGGGGACTACACCCCTTCGTGAGGACAGAAGCCTGGAAGTTCCTC  
ACAGGCTACTACTCGTGGCAGAGTTCACGGGATGAGCGGCTCATGGTGGACAGCAACAGGAGGAGAACT  
ATAACTCCTTGTGCCAGATGTATGAGAAAATCCAGCCCTGTGGAAAACCTTACATGGGAACTTCACAGA  
GACTCGGAAACAACATCGCGTACGACATCCAGAGGCTGTATGATAAAGATCCCCTGGGCAATGTGCTTATA  
GACAAGAAGAAATGGAGAAGACCCTGTGCTGAGTTATGTCTGCAACACAAAGGCTGAGTACCAGCGAG  
GCTTCCATGAGATGGTGATGCTTTTCCAGCTGATGGTGGAGCAGCACCATGAGACCTTCTGGCTCTTCCA  
GTTCTTCTGCAGAAAACAGAGCACAGCTGTGTCATCAACATCGGTGTAGGCAAGAATCTGGACATGCTC  
AACAGCCTGATCACTCTACTGGACCCTGAATTTGCTGAACACCTCAAAGGGAAGGGCTCAGGGCTGTGC  
AGTCCCTCTCCCGTGGTTCTGCCTTTGCTTCCAGCGTGCCTTCAAACCTTCGATGATGCTGGAGGCT  
CTGGGAGGTCCTGCTGACGGGGAAGCCCTGCAGAACTTCCAGGTGCTGGTGGCCTACAGCATGCTACAG  
ATGGTGCAGCAGCAGGCGCTTCTGGAGTGTATGAGCGGTGACGCCATTCTCATGGCCTGCAACAACCTTA  
TCGACCTTGATGCGGATGAGCTGATCTCTGCTGCCTGCGTGGTTTATTCTGAGCTCATGCAAAGGAGGT  
CCCTCAGCCATTAAGGAGTTCTTCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_028854



[View online »](#)

<b>Insert Size:</b>	1011 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_028854.3</a> , <a href="#">NP_083130.1</a>
<b>RefSeq Size:</b>	1097 bp
<b>RefSeq ORF:</b>	1011 bp
<b>Locus ID:</b>	74286
<b>UniProt ID:</b>	<a href="#">Q9D9D3</a>
<b>Cytogenetics:</b>	9 B
<b>Gene Summary:</b>	May act as a GTPase-activating protein for Rab family protein(s). May be involved in acrosome formation and cytoskeletal reorganization during spermiogenesis, possibly by regulating RAB3A activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).