

Product datasheet for **MC218838**

Tbccd1 (NM_001081368) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbccd1 (NM_001081368) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbccd1
Synonyms:	5730478M09Rik; AU015083; BB165076
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218838 representing NM_001081368
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCAGTCCGGAGTTCTCCTCTGGGTGAAGGCAGAACCTTTTCTGTGGGTGCCTTGCAAGAGCCAC
 CTCGGTCCAAATTCAGCCTTCACTACCTTAGAAAAGATAGCCACCTATGTGCGAACTCGGGCCACAGAGGG
 CGCTACCCACACCTGTACTGGCTACCTGGAGGCACATTGCGTGCAGAAAGCTGCAAGTTGGCTAAGGAT
 CTAGCGTGGCTTTACTTTGAAATGTTTGATAATCTTTCTGTGAGGACACCTGAAGAAGCCTGGAATGGT
 CTGAAATTTGTCCAACCTGCGCAACCGAAGAGGAAGTTGAAAAGCAAAGAAGTCAGCTTTATGTGGACAC
 GCTGCAATTCCTGCTCTTTCTGTATATCCAGCAGTTAAACAGGATCTCTCTGCGGACATCATTGATTGGG
 GAAGAATGGCCAGTCGAGAAGCAGACCTCAGTCTCTAGCCCGGCTGAAAGGCCAGTTGTCACAATA
 AGAATTGGAATGACTACAGTACCAGGCTTTTGTCTGTAATCATCTGTCAGAGCTCCTCGAGCTGCTTCT
 AGACCCAGAGCAGCTCACTGCCTCCTTTCACTCGACCCACAGCAGTCTGCTCTCCCGGGATGCTGTCAGG
 GCCTCAGCTTTCTCATTGAAGGCACCGTGAGCAGAGCCAAGAAGGTCTATCCCTTCATCAACTTGCAC
 TGTGGCAACCACTGCACGTAGCAAGTGGCTTCTCAAAGAGCTCTAAGACTTTCTCTCTACAAGCTGGA
 AGCATGGTTGAGGGCCTCTTTGACCACAAATCCGTTTGGTCCATCTGCTTGCCTCAAGTCTGAAAGAAA
 TTGGCTTGGGCTCACCAAGTTGAAGGTTGACCAAAAGAGCCAAGATTGCTTGCAATGCTCACATGGCTC
 CTCGGTTGCACCGCATCGTGGTATGAGCCAGGTTTACAAGCAGACACTGGCCAAGAGCTCAGAACTCT
 AGTAGGAGCACATGTGAGGGTCACTCGTGCAGTGAGTCTTTTATATATCTGCTCTCCCCCTTACGATCC
 ACTGTGAGAATCTAAAAGTCATTGCTGTTGCCACCGACTGCCATCTTCTACAACAAGCTGCACCTT
 TCACATTATGACACCTTCAGTCCACTTATTCTCTCTGGAACCAGACAGTAACTTTTGCCCTTTCAT
 ACCCATTACCAATGCTGGAGGACCACATGGCCAGGACTGGCCTTGCTACAGTGCCTAAGTATTGGGATA
 ACCCGATGGTGGTGTGCAAGAAGGCTCTGTCAAGTCTCTTCCGGCTCTTGCCTCCTTCTGAGTTCTA
 CATATTTGTTATTCCTTTGAGATGGAAGGGGACACAGCAGAGATACCTGGGGTCTCCCCTCTGCCTAC
 CAGAAAGCACTGGCTCAAAGAGAAGAGAGCATAACATCTGGCAGAAAAGTGAAGGAGGCTCGTTTGA
 CAAAGGAGCAGAGGAAGCAGTTCAGGCCCTAGTGAGAAACAAGTTCTATGAGTGGTTGGTTAGCACCGG
 ACATCGGCAGCAGCTGGACAGCCTTGTCGCCACTCCAGCAGCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081368

Insert Size: 1659 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:

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_001081368.2](#), [NP_001074837.1](#)

RefSeq Size: 2830 bp

RefSeq ORF: 1659 bp

Locus ID: 70573

UniProt ID: [Q640P7](#)

Cytogenetics: 16 B1

Gene Summary: Plays a role in the regulation of centrosome and Golgi apparatus positioning, with consequences on cell shape and cell migration.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.