

## Product datasheet for **RN204979**

### **Tbccd1 (NM\_001012016) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tbccd1 (NM_001012016) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbccd1
Synonyms:	Crygs
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204979 representing NM\_001012016  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCAGTCTGGAGTTCTCCTCTGGGTAAGGCGAGAACCTTTTATAGTGGGTGCCTTGCAGGAGCCAC  
 CTCCATCCAAATTGAGTCTTCACTACCTCAAGAAGGTAGCTGCCTATGTGCGCACTCGGGCCACCGAACG  
 TGCTACCCACGCTCTACTGGCCAACCTGGAGGCACATTGCGTGTGGGAAGCTGCACTGGCTAAGGAT  
 CTAGCATGGCTTTACTTTGAAATATTTGATAATCTTTCTGAGAGGACACCTGAGGAACGCCTGGAATGGT  
 CTGAAATTTTGTCCAACCTGCACAACCAAGATGAAGTTGAAAAGCAAAGAAATCAGCTTTCTGTGGACAC  
 GCTGCAATTTCTGCTCTTCTGTACATCCAGCAGTTAAACAAGATCTCGTGCAGGACATCGTTCATTGGG  
 GAAGAATGGCCAGTCCCAGAAACAGACCGAAGTCTCCTAGCCCAGCCGAAAGGTCCAGTTGTCACAATA  
 AGAATTGGAATGACTACAATCACCAGGCTTTTGTCTGTGATCATCTGTCAGAGCTCCTCGAGCTGCTTCT  
 AGATCCAGAACAGCTCACTGAGTCTTCCACTCAACCCAGAGTAGTCTGCTCTCACGAGAAGCTGTCAGG  
 GCACTCAGCTTTCTCATTGAAGGCACCGTGGAGCAGAACCAAGAAGGTCTACCCCTTCATGAACTTGCAC  
 TGTGGCAACCACTGCACGCAGCAATGGCTTCTCAAAGATCTCTAAGACTTTCTCTCTGTACAAGCTGGA  
 AGCATGGTTGAGGGCCTGTTGACTACAATCCATTTGGTCTATCTGCTTGCCTCCAGTCTGAAAGAAA  
 TTGGCTTGGGCTCATAAAGTTGAAGGTGCGACCAAAAGAGCTAAGATTGCCTGCAATGCTCACATGGCCC  
 CTCGGTCGCATCGCATCGTGGTTATGAGCCAGGTTTGAATCAGACACTGGCCAAGAGCTCAGAACTCT  
 AGTAGGAGCACACGTCAAGGCTCATCGCTGCAACGAGTCTTTCATATCTGCTCTCCCCCTTACGGTCC  
 ATGACAATTGAAAAGTGCAGGAATAGTACCTTTGTGTTGGTCCGTGGAGACGGCTCTTACCTACACG  
 GCTGTGAGAATCTGAAAGTCATTGCTGTTGCCATCGACTGTCGGTGTCTTACAATAGGCTGCACCTT  
 TCACATTATGCCCTTACGCCCACTTATTCTCTCTGGAAACCAGACAGTAACCTTTGCCCTTTCAT  
 ACCCAATACCAATGCTAGAGGACCACATGGCCAGGACTGGCCTTGTACAGTACCTAATATTGGGATG  
 ACCCGATGGTTTTGGCGGAGAAGGCACTGACACAAGGCTTCCAGCTTTCCTCCCTCTGAGTTCTA  
 TGTATTTGCTCACTCCCTTTGAGATGGAAGGGGACACAGCAGAGATACCTGGGGTCTCCCCCTGCCTAC  
 CAGAAAGCACTGGCTCACAGAGAGCAGAGGATACATAACTGGCAGAAAAGTGAAGGAGGCTCGTTTGA  
 CAAAGGAGCAGAGGAAGCAGTTCAGGTCCTCGTGGAGAACAAGTTCTATGAGTGGTTGGTTAGTACAGG  
 ACATCGACAGCAGCTGGACAGCCTCGTCCACCTCCAGCAGCCTCAACCAAGTGGCCAAAAGGACCTC  
 ACATGGAGCCATGGGGCTCTGGAGACGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012016
- Insert Size:** 1710 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\\_001012016.1](#), [NP\\_001012016.1](#)

**RefSeq Size:** 2167 bp

**RefSeq ORF:** 1710 bp

**Locus ID:** 303830

**UniProt ID:** [Q5FVR8](#)

**Cytogenetics:** 11q23

**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]