

Product datasheet for **SC108693**

TBCCD1 (NM_018138) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBCCD1 (NM_018138) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBCCD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC108693 sequence for NM_018138 edited (data generated by NextGen Sequencing)

```

ATGGATCAGTCCAGATTCTCCTCTGGGTGAAAGCAGAACCCTTTATAGTGGGTGCCTTG
CAGGTCCCCCTCCATCCAAGTTTGTCTTCACTATCTCAGGAAGATATCCACCTATGTG
CAAATCCGGGCCACAGAAGGAGCTTACCCGCGCCTCTACTGGTCTACATGGAGGCACATC
GCTTGTGGGAAGCTGCAGTTGGCCAAGGACCTGGCGTGGCTTTACTTCGAAATATTTGAT
AGTCTTTCAATGAAGACACCTGAGGAGCGCTGGAATGGTCTGAGGTTCTGTCCAATGC
ATGTCTGAGGAGGAAGTTGAAAAGCAGAGAAATCAGCTTTCAGTGGACACGCTACAGTTT
CTGCTCTTCTTATACATTCAACAGTTGAACAAGGTCTCCCTAAGGACATCTTTGATTGGC
GAAGAGTGGCCAGTCCCAGAAACAAATCTCAGTCTCCTGACCTGACTGAAAAATCTAAT
TGTCATAATAAGAACTGGAATGATTACAGTCAACCAAGCTTTTGTCTATGATCATCTGTCT
GATCTCCTCGAGCTGCTTTTAGATCCAAAACAACCTCACTGCATCATTTTCATTCAACCCAT
AGTAGTCTAGTGTCTCGAGAAGCTGTTGTGGCGCTCAGCTTCTTATTGAAGGTACAATA
AGTAGAGCCAGGAAGATCTATCCACTTCATGAACCTGCACTGTGGCAACCACTGCATGCA
GATAGTGGCTTCTCAAAGATCTCTAAGACTTTCTTTTCTACAACTGGAAACCTGGTTG
AGGTCCTGTTTACTGGGAATCCATTTGGTACATCAGCTTGCCTCAAGTCTGAAAAGAAA
TTGGCTTGGGCTCATCAAGTTGAAGGGACCACAAAAGAGCTAAGATTGCTTGAATAACT
CATGTGGCCCCTAGGATGCACCGACTGGTAGTGATGAGCCAGGTTTACAAGCAGACACTG
GCTAAGAGCTCAGACACTCTGGCGGGGCACATGTAAAGATTCATCGTTGCAACGAATCT
TTTATATATCTGCTCTCTCCCTTACGATCTGTGACAATTGAGAAGTGCAGGAATAGCATC
TTTGTCTTGGGCCTGTAGGGACTACACTTCACCTCCACAGTTGTGACAATGTTAAAGTC
ATTGCTGTTTGCATCGTTTGTCCATCTCTTCTACAACAGTTGCATCTTTCACGTTCTT
ACGCCACACGCCCACTTATTCTCTCTGGGAACCAGACAGTAACCTTTTGGCCCTTTTCAT
ACACATTACCCAATGCTAGAGGACCATATGGCCAGGACTGGCCTTGCTACAGTGCCTAAC
TATTGGGATAATCCAATGGTTGTGTGCAGAGAGAACAGCGACACAAGAGTCTTCCAGCTT
TTACCACCTTGTGAATCTATGTATTTATTATTCCTTTGAAATGGAAGGGGACACAACA
GAGATACCCGGGGTCTTCCATCTGTATATCAGAAAGCACTGGGTCAAAGAGAACAGAAG
ATACAGATCTGGCAGAAAACCTGTGAAGGAGGCTCATTTGACAAAGGATCAAAGGAAGCAG
TTCCAGGTAAGTGTAGAGAACAAGTTTTATGAATGGTTGATTAATACAGGACATCGCCAA
CAGCTGGACAGCCTTGTACCCCTGCAGCAGGCTCCAAAACAAGCAGCTGGATAA
    
```

Clone variation with respect to NM_018138.3

5' Read Nucleotide Sequence:

```

>OriGene 5' read for NM_018138 unedited
GGTCGTTTTTGTATACGACTCCTATAGGCGGCCGNAATCGGCACGAGGGCGGGCCAG
CGAGCGGACGCCGGCGCGCGCGGAGAGTGCAGGCGGAGCGGCCTGCATTAG
CAGGTATGCAAAGAAGCCTTTTACCCTGATGTCCTTAGAGATAATATGGATCAGTCCAG
AGTTCTCCTCTGGGTGAAAGCAGAACCCTTTATAGTGGGTGCCTTGCAGGTCCCCCTCC
ATCCAAGTTTAGTCTTCACTATCTCAGGAAGATATCCACCTATGTGCAAATCCGGGCCAC
AGAAGGAGCTTACCCGCGCCTCTACTGGTCTACATGGAGGCACATCGCTTGTGGGAAGCT
GCAGTTGGCCAAGGACCTGGCGTGGCTTTACTTCGAAATATTTGATAGTCTTTCAATGAA
GACACCTGAGGAGCGCCTGGAATGGTCTGAGGTTCTGTCCAACCTGCATGTCTGAGNAGGA
AGTTGAAAAGCAGAGAAAACAGCTTTTCACTGGACACGCTACAGTTTCTGCTCTTCTTATA
CATTCAACAGTTGAACAAGGCTCCCTAAGGACATCTTTGATTGGCGAAGAGTGGCCAG
TCCCAGAAAACAAATCTCAGTCTCCTGACCTGACTGAAAAATCTAATTGTCATAATAAGAA
CTGGAATGATTACAGTCACCAAGCTTTTGTCTATGATCATCTGTCTGATCTCCTCGAGC
TGCTTTTTAGATCCAAAACAACCTCACTGCATCATTTTCATTCAACCAATAGTAGNCCTCAG
TGCTCTGAGAGACTCTGTTGTGGCGCTCAGCTTCTTAATTTGAAGGTACCAATTAGTAGA
GCCCGCGAAGATCTATCCAATTCATGAACCTGCACTGTGGCACCACTGCTGCAGNATAG
TGGCTTCTCAAAGACTNCTAGAACTTCTCTTCTACAACGAACGGG
    
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018138 unedited CCGCGGCCGAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTATTCTTTAGAGTTTGTT ATTGAAAATTTGAAGCAGGAAGTAAAAATAAGATTTTTTTAAACAATTCATTAAGTT CCATACTTTAAGGACTAAAATATAGTATAAACTATTTCTATGTCTATATACCAACAAAT CATACTTCCTTTCCAATTATTTTTTAAAAGGAGTAGCAATTTCTTTTAAATAGTTACAA AGAACTATAAACTCTTATTTAACTCTAGAAAGAATAAACTCTTTCATCACACAATGA AGATACACACTATAGTTGCAAATCTACACTCAGTTGCTTTAATATTAACATACATACAAT GGTACTACCTTCACCAACTTTTTTCATTTGGGCATCACAAAGATGAGTCTTCTGATGTTCT ATAAGCAATATGTTTATATGAAAGTCAGAAGTTTACGAAAAATTCGGCCTAAACAGTAAT AAATGAAAATGGAATGGAATCAAAGTTCTTAAATAGAACAGAAGGCTGGGCACGGTGGC TCACGCCTGTAATCCCAGCACTNTGGGAGGCCGAGATGGCGGATCACGAGGTCAGGAAA TCGAGACCATCCTGACTAACACGGTGAAACCCCGTCTCTACTAAAAATACAAAAAAAT GGCCGGGCGTGGTGGCCGGCCTGTATCCCAGCTACTCANGAAGCTGANGCANGAGAAT GGCGTGAACCCCGAAGCANAGCTTGCATTGAGCCGAGATCGCGCCACTGACTCCAACCT GGGCGACAGAACAGACTCTGCCTTAAAAAAGACAGAAAGTCCCATGTCTCT TAGCACACATACCCTCCCAATTTATTTCAAGTTTCAAGAGAACCACATCTCCTTATCC CTGATTTTCCAGGCCAATGTCTGCTGTTAAAACCTATACAACCGGT
Restriction Sites:	NotI-NotI
ACCN:	NM_018138
Insert Size:	3000 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:	NM_018138.1 , NP_060608.1
RefSeq Size:	2415 bp
RefSeq ORF:	1674 bp
Locus ID:	55171
UniProt ID:	Q9NVR7
Cytogenetics:	3q27.3
Domains:	CARP

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 (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform (a).