

Product datasheet for **RC238363**

TBCCD1 (NM_001286749) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TBCCD1 (NM_001286749) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TBCCD1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC238363 representing NM_001286749
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGACCGACTTAAGTTCGGATTCCGCTTCCACCGCTTCTTAGTGCTTTCAGTGGACACGCTACAGT
TTCTGCTCTTCTATACATTCAACAGTTGAACAAGGTCTCCCTAAGGACATCTTTGATTGGCGAAGAGTG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC238363 representing NM_001286749
Red=Cloning site Green=Tags(s)

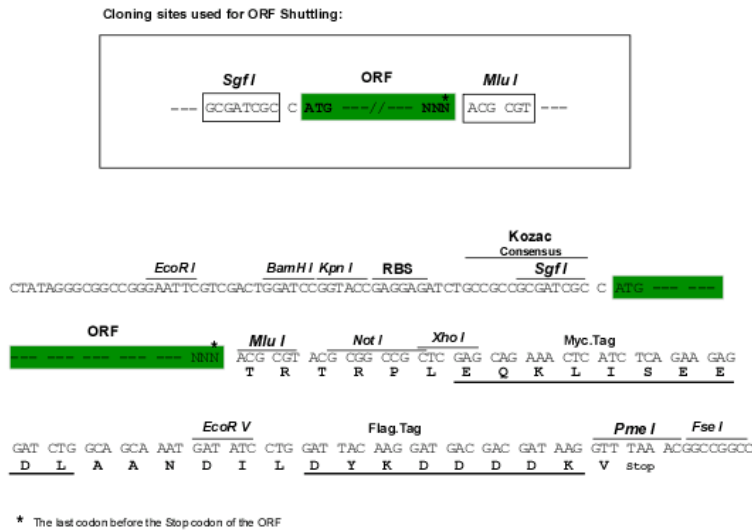
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 PLHADSGFSKISKTF SFYKLETWLRSLTGNPFGTSACLKSGKKLAWAHQVEGTTKRAKIACNTHVAPRM
 HRLVMSQVYKQTLAKSSDTLAGAHVKIHRCNESFIYLLSPLRSVTIEKCRNSIFVLGPVGTTLHLHSCD
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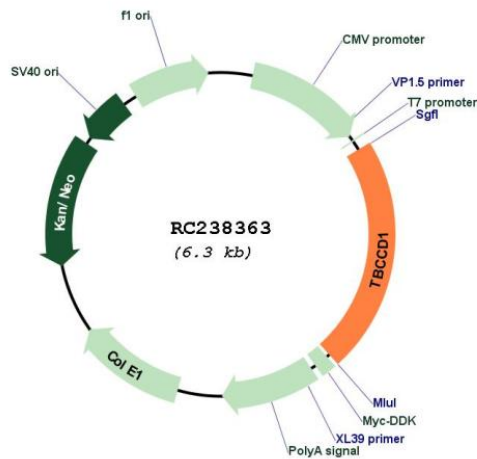
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001286749
ORF Size:	1383 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001286749.2
RefSeq Size:	2701 bp
RefSeq ORF:	1386 bp
Locus ID:	55171
UniProt ID:	Q9NVR7
Cytogenetics:	3q27.3
MW:	52.7 kDa
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]