

Product datasheet for **RG238363**

TBCCD1 (NM_001286749) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBCCD1 (NM_001286749) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TBCCD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238363 representing NM_001286749. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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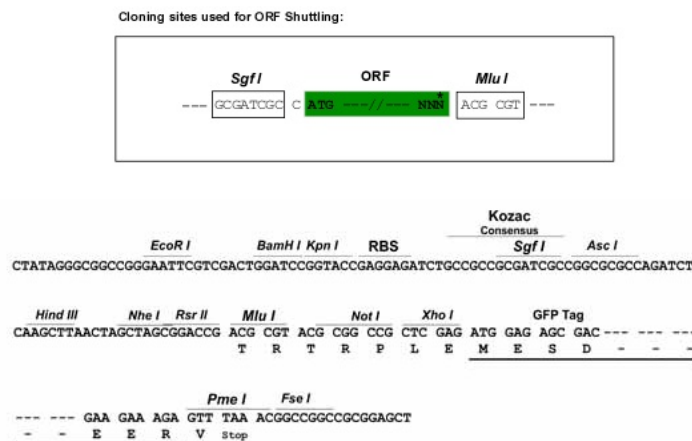
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG238363
 Blue=ORF Red=Cloning site Green=Tag(s)

MTDRLKFGFGFHRFLVLSVDTLQFLFLYIQQLNKVSRLTSLIGEEWSPRNSQSPDLTEKSNCHNKN
 WNDYSHQAFVYDHLSDLLELLLDPKQLTASFHSTHSSLVSREAVVALSFLIEGTISRARKIYPLHELAL
 WQPLHADSGFSKISKTF SFYKLETWLRSLTGNPFGTSACLKSGKKLAWAHQVEGTTKRAKIACNTHVA
 PRMHRLVMSQVYKQTLAKSSDTLAGAHVKIHCNESFIYLLSPLRSVTIEKCRNSIFVLGPVGTTLHL
 HSCDNVAVIACHRLSISSTTGCIFHVLTPTRPLILSGNQTVTFAPFHTHYPMLLEDHMARTGLATVPNY
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 AHLTKDQRKQFQVLVENKFYEWLINTGHRQQLDLSPVPAAGSKQAAG
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 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



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.

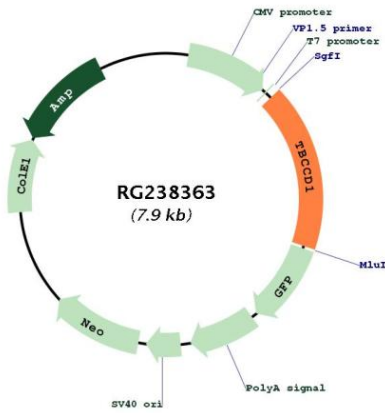
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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]

Product images:



Circular map for RG238363