

## Product datasheet for RG215489

### TBC1D29 (NM\_015594) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Tag:** TurboGFP  
**Symbol:** TBC1D29  
**Synonyms:** DKFZp434O047  
**Mammalian Cell:** Neomycin  
**Selection:**

**Vector:** pCMV6-AC-GFP (PS100010)

**E. coli Selection:** Ampicillin (100 ug/mL)

**ORF Nucleotide Sequence:** >RG215489 representing NM\_015594  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATCGACTCACTATAAGGCGGCCGGAATTCTCGACTGGATCCGGTACCGAGGAGATCTGCC  
**CGCGCATCGCC**

ATGGGGCATCTGACAAGGAAGGTCTATGCACACAGGTTCTCATTCAGCTGGCTTCTCCGGTGCTGA  
 ATGATGGATCTCTCGGGCTCACCCCGTGCCTGTGGGATATGATTGCTGGAAGGGAAACAGATGTT  
 GATGCTGATAACAAGCATTGCCCTTAAGGTCAAAGGAGCCTCTATGAAGAAACTAACAGGAAACATGG  
 GGACCTGCAACCCCCAGGGCCCTCAAGGGCAGTGAAGAGCAGACCCATTGTGAGAGCCCTCACTCCT  
 CCCTGCAAGCGCTGACAGCCTAGAGAGCAGAGGCCCCACTCTGCAGACTCTCCAAGGGTGCC  
 AGGACAACAAGCCTTGAGCCGGGAGACAAGGGAATCAGTGTCTCATTATCTTACCATCTTACCATCT  
 CGGAGAGGGAGATGTGGCAGGATAATAGGG

**ACCGTACCGGGCGCTCGAG** – GFP Tag – GTTAA

**Protein Sequence:** >RG215489 representing NM\_015594  
 Red=Cloning site Green=Tags(s)

MGHLDKEGLCTQGSSFSWLLRVNDGISLGLTPCLWDMYLLEGEQMLMLITSIAFKVQRSLYEETNKETW  
 GPATPRALKGTGRARPICESLHSSLQALTASESSRGPSLLQTPPRVPQQALSRGDKGISVSLSLPSLPS  
 RRGRCGRIIG

**TRTRPLE** – GFP Tag – V

**Restriction Sites:** Sgfl-Mlul

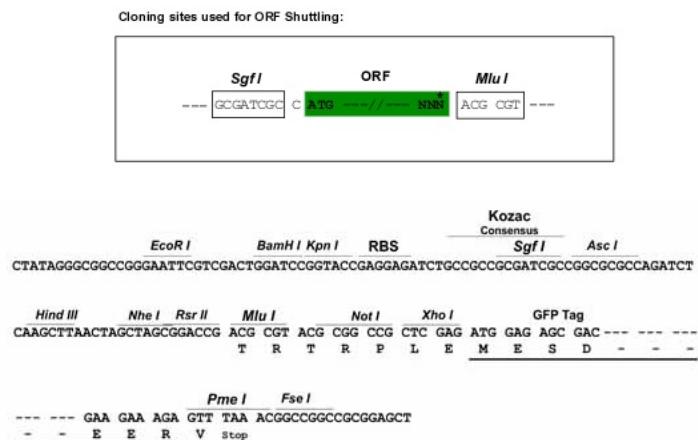


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**Cloning Scheme:**

**ACCN:** NM\_015594

**ORF Size:** 450 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:**

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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_015594.2](#) [NP\\_056409.1](#)

RefSeq Size: 685 bp

RefSeq ORF: 453 bp

Locus ID: 26083

Cytogenetics: 17q11.2

**Product images:**

