

Product datasheet for **SC332856**

TBC1D2 (NM_001267572) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TBC1D2 (NM_001267572) Human Untagged Clone
Tag: Tag Free
Symbol: TBC1D2
Synonyms: PARIS-1; PARIS1; TBC1D2A
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332856 representing NM_001267572.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGAAGCTTACCGACCCAGAAGCTGCTTCTCAACTCCGAGATCCACCAGGTCACAAAGATCTGGAGA
AAGGTGGCTGAGAAGGAGAAGGCCCTTCTGACGAAGTGCAGCTACCTCCAAGCCAGAAACTGCCAGGTG
GAAAGCAAGTACCTGGCCGGTCTGAGAAGGCTGCAGGAGGCCCTGGGGGACGAAGCCAGCGAGTGTCTCA
GAGCTGCTGAGGCAGCTTGTCCAGGAGGCACTGCAGTGGGAAGCTGGGGAGGCCCTCATCTGACAGCATC
GAGCTGAGCCCCATCAGTAAGTATGATGAGTACGGCTTCTGACGGTGCCCGACTATGAGGTGGAAGAC
CTGAAGCTGCTGGCCAAGATCCAGGCATTGGAGTACGATCCCACCACCTGCTGGCCTCGAGGCTGTG
GATCGGCCGCTGAGGGAGCGCTGGGCTGCCCTGGGCGATCTTGTGCCCTCAGCCGAGCTCAAGCAGCTA
CTGCGGGCAGGAGTACCCCGTGAACACCCGGCCTCGTGTCTGGAGGTGGCTGGTCCACCTCCGTGTCCAG
CACCTGCACACTCCAGGCTGCTACCAGGAAGTCTGAGCCGGGGCCAGGCCCGGAGCACCTGTGCC
CGCCAGATTGAGCTGGACCTGAACCCGACCTTCCCAACAACAACACTTACCTGCCCCACCTCCAGC
TCCCCGACAAGCTCCGCCGGGTGCTGCTGGCCTTCTCTGGCAGAACCCACCATCGGCTACTGCCAG
GGCCTGAACAGGCTGGCGGCCATTGCCCTGCTGGTCTAGAGGAGGAGGAGAGCGCCTTCTGGTGCCTG
GTGGCCATTGTGGAGACCATCATGCCCGCTGATTACTACTGCAACACGCTGACGGCATCCAGGTGGAC
CAGCGGGTGTCCAGGACCTGCTCTCGGAGAAGCTGCCAGGCTGATGGCCCATCTGGGCAGCACCCAC
GTGGATCTCTCCCTCGTACCTTCAACTGGTTCCTCGTGGTCTTTGCGGACAGTCTCATTAGCAACATC
CTCCTTCGGGTCTGGGATGCCTTCTGTACGAGGGGACGAAGGTGGTGTTCGCTATGCCTTGGCCATT
TTCAAGTACAACGAGAAGGAGATCTTGAGGCTACAGAATGGCCTGGAAATCTACCAGTACCTGCGTTC
TTCACCAAGACCATCTCCAACAGCCGGAAGCTGATGAACATCGCCTTCAATGACATGAACCCCTCCGC
ATGAAACAGCTGCGGCAGCTGCGCATGGTCCACCCGGGAGCGGCTGGAGGCTGAGCTGCGGGAGCTGGAG
CAGCTTAAGGCAGAGTACCTGGAGAGGCGGGCATCCCGGCGCAGAGCTGTGTCCGAGGGCTGTGCCAGC
GAGGACGAGGTGGAGGGGAAGCCTGA
  
```

Restriction Sites: SgfI-MluI
ACCN: NM_001267572
Insert Size: 1407 bp



[View online »](#)

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:	<u>NM_001267572.1</u>
RefSeq Size:	2142 bp
RefSeq ORF:	1407 bp
Locus ID:	55357
UniProt ID:	<u>Q9BYX2</u>
Cytogenetics:	9q22.33
MW:	54.4 kDa
Gene Summary:	<p>Acts as GTPase-activating protein for RAB7A. Signal effector acting as a linker between RAC1 and RAB7A, leading to RAB7A inactivation and subsequent inhibition of cadherin degradation and reduced cell-cell adhesion.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and represents the use of an alternate promoter, compared to variant 1, which results in the use of an in-frame downstream start codon and a protein (isoform 3) with a shorter N-terminus, compared to isoform 1.</p>