

Datasheet for ABIN4917891

## Human TBC1D3G ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	TBC1D3G
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human TBC1D3G with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1650 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGACGTGG TAGAGGTCGC GGGCAGTTGG TGGGCACAAG AGCGAGAGGA CATCATTATG AAATACGAAA AGGGACACCG AGCTGGGCTG CCAGAGGACA AGGGGCCTAA GCCTTTTCGA AGCTACAACA ACAACGTCGA TCATTTGGGG ATTGTACATG AGACGGAGCT GCCTCCTCTG ACTGCGCGGG AGGCGAAGCA AATTCGGCGG GAGATCAGCC GAAAGAGCAA GTGGGTGGAT

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ATGCTGGGAG ACTGGGAGAA ATACAAAAGC AGCAGAAAGC TCATAGATCG AGCGTACAAG  
GGAATGCCCA TGAACATCCG GGGCCCCGATG TGGTCAGTCC TCCTGAACAT TGAGGAAATG  
AAGTTGAAAA ACCCCGGAAG ATACCAGATC ATGAAGGAGA AGGGCAAGAG GTCATCTGAG  
CACATCCAGC GCATCGACCG GGACATAAGC GGGACATTAA GGAAGCATAT GTTCTTCAGG  
GATCGATACG GAACCAAGCA GCGGGAECTA CTCCACATCC TCCTGGCATA TGAGGAGTAT  
AACCCGGAGG TGGGCTACTG CAGGGACCTG AGCCACATCG CCGCCTTGTT CCTCCTCTAT  
CTTCCTGAGG AGGATGCATT CTGGGCACTG GTGCAGCTGC TGGCCAGTGA GAGGCACTCC  
CTGCAGGGAT TTCACAGCCC AAATGGCGGG ACCGTCCAGG GGCTCCAAGA CCAACAGGAG  
CATGTGGTAG CCACGTCACA ACCCAAGACC ATGGGGCATC AGGACAAGAA AGATCTATGT  
GGGCAGTGTT CCCCCTTAGG CTGCCTCATC CGGATATTGA TTGACGGGAT CTCTCTCGGG  
CTCACCCCTGC GCCTGTGGGA CGTGTATCTG GTAGAAGGCG AACAGGCGTT GATGCCGATA  
ACAAGAATCG CCTTTAAGGT TCAGCAGAAG CGCCTCACGA AGACGTCCAG GTGTGGCCCC  
TGGGCACGTT TTTGCAACCG GTTCGTTGAT ACCTGGGCCA GGGATGAGGA CACTGTGCTC  
AAGCATCTTA GGGCCTCTAT GAAGAACTA ACAAGAAAGC AGGGGGACCT GCCACCCCCA  
GCCAAACCCG AGCAAGGGTC GTCGGCATCC AGGCCTGTGC CGGCTTCACG TGGCGGGAAG  
ACCCTCTGCA AGGGGGACAG GCAGGCCCT CCAGGCCAC CAGCCCGGTT CCCGCGGCC  
ATTTGGTCAG CTTCCCCGCC ACGGGCACCT CGTTCTTCCA CACCCTGTCC TGGTGGGGCT  
GTCCGGGAAG ACACCTACCC TGTGGGCACT CAGGGTGTGC CCAGCCCGGC CCTGGCTCAG  
GGAGGACCTC AGGGTTCTG GAGATTCTG CAGTGGAACT CCATGCCCCG CCTCCAACG  
GACCTGGACG TAGAGGGCCC TTGGTTCCGC CATTATGATT TCAGACAGAG CTGCTGGGTC  
CGTGCCATAT CCCAGGAGGA CCAGCTGGCC CCCTGCTGGC AGGCTGAACA CCCTGCGGAG  
CGGGTGAGAT CGGCTTTCGC TGCACCCAGC ACTGATTCCG ACCAGGGCAC CCCCTTCAGA  
GCTAGGGACG AACAGCAGTG TGCTCCCACC TCAGGGCCTT GCCTCTGCGG CCTCCACTTG  
GAAAGTTCTC AGTTCCCTCC AGGCTTCTAG

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Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

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Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

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Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

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Grade: End-sequenced

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Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene:	TBC1D3G
Alternative Name:	TBC1D3G ( <a href="#">TBC1D3G Products</a> )
Gene ID:	101060321
NCBI Accession:	<a href="#">NM_001291462</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none"><li>• Keep the vial sealed and store at -20°C for long-term storage.</li><li>• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.</li><li>• Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.</li><li>• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.</li><li>• Close the lid and vortex the vial for 1 minute.</li><li>• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.</li></ul>
Expiry Date:	12 months

## Publications

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Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)
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