

Datasheet for ABIN4922666

Human TBC1D3H ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TBC1D3H
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 TBC1D3H 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 TCCTGAACAC 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

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

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.

Sequencing Primer:

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

Grade: End-sequenced

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

Target Details

Gene:	TBC1D3H
Alternative Name:	TBC1D3H (TBC1D3H Products)
Gene ID:	729877
NCBI Accession:	NM_001123392

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• Keep the vial sealed and store at -20°C for long-term storage.• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.• 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.• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.• Close the lid and vortex the vial for 1 minute.• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
Expiry Date:	12 months

Publications

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