

Datasheet for ABIN4944453

Human BTBD18 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	BTBD18
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 BTBD18 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2139 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGCTCTC CTGCCAGTCC CAAAATCCTA TACAGGAACC CCCGGTTCCT CAGGTTAGCT TTTCTGCAGC TTCATCACCA GCAGCAGAGT GATGTGTTCT GTGATGTCTT TCTGCAGGCA GAAGGTGAGG CAGTTCCAGC TCACTGCTGC ATCCTGTCAG CTTGTAGCCC CTTCTTCACA GAGCGCCTGG AGCGGGAGAG GCCAGCTCAG GGTGGGAAGG TGGTGCTAGA GCTGGGTGGC CTGAAGATCA GCACACTTAG GAAGCTGGTG GACTTCTTGT ATACCTCAGA AATGGAAGTA

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TCTCAAGAAG AAGCCCAGGA TGTGCTATCT GCTGCCCGTC AGCTCCGTGT GTCTGAGCTG
GAATCCCTTC AGCTTGAGGG TGGAAAGTTG GTGAAGGCC CACAGGGCCG AAGGCTGAAC
CGAGAGTGCT TACAACCAAC AAGTGCTGCA CCAATCTCTG CCAGAGTGGT GACACCCAGC
CACCACCCTC ACACCCCACT GCCCACTAAT CAAACTCCTT GTCCTCTTGG GGCAATAAGA
TTGAAGTCCT TGGGGAAGGA AGAGGGGCC CAGGAAAACA ACCGACAGAA TGCAGACAAT
TTGTCTGGCA CTCTTCTGCT CAAGAGGAAG GCCAGAGCCT GCCCACTCC ACAAGAAAAA
AACTCTTCAC CATCAAGCCA TAGTCAAGAG CCTAGAGAGA ACAAGAATGA CACTGCCCTT
GATCCTACAG TGCTCTCCCC ACCCAGCTTG TACCCCTCTG TGGACAAAACA CCTGTTGCCC
AGAAAGATCA GGCTCAGTCG CTCAAAGCCA TCTCCTGGTA TCTGTACATC AAAGCCTTCC
AGCATTTTAA GTGGATCTAG CTCAGTGCCT GCAACCCCTG GCCGGCGTCT TTGGCGGCAG
AGGAGTGTA AATAAGAAAC ACCAGAGGAC AAGCCAAAAC CAGGCAGAGC TAGTCTCTG
CAGAGCACCC CAAACCCATC TGGTCTGGGA AAGACAGGTG GGAGCAGGAA GCGGAGCCCT
GAAGTCAGGG CACCTAACTC AGACTCTGCA GAGGAGGGGC AGGTTGGGAG AGTTAAACTT
AGGAAGATTG TCAATGGGAC TTGCTGGGAA GTGGTACAAG AGACTCCTCT CAAAAACT
CAAGATAGCC CCCAGATCCC AGATCCCGGA GGAGACTTCC AAGAGCCTTC AGGAACTCAG
CCATTCTCCA GTAATGAGCA GGAAATGTCA CCTACTAGAA CAGAAGTGTG TCAGGACTCC
CCCATGTGCA CTAAGCTACA AGACATTCTG GTCTCTGCTA GCCACTCCCC AGACCACCCA
GTGGTGAAGT CAGAGTTTGA GTCCAGTCCA GAACTGGTAG AGAAGGAACC TATGTTGGCT
ATTGACTGCA GAGAACCCTA TGCATTTGAC ACAGCTCTGC TGGAGCAGCC CTGTGAGGCT
GAGGAGTACC GAATCACAAG TGCTGCTGCC ACCAGTGAGC TGGAGGAGAT CCTGGACTTC
ATGCTCTGTG GCTCAGACAT TGAACCACCT ATAGGGTCTC TGGAGAGTCC AGGGGCTGAG
GGCTGCAGAA CGCCTACCTA CCATCTGACA GAAACAGGAA AGAACTGGAT TGAAGGGGAA
GAATGGTGTC TACCAGACAT GAACTCTGG CCCAGGGAGC TCACAGAATT GGAAAAGGAA
CCTGCTGGTG AGAACAGAGG GCCAACTGAG CTCCTTAGCC CCCTTGTCAT GCCCTCTGAG
GTGAGTGAAG TGCTTTCAGT AGGAGGCCGT TGGACACCAG ACCTTGAAAT TACCAGCTCC
CAGCCACTGG ATGGTCAGGA AGACAACTT CTCCATGTCA GCTCCCTTGA TACTCCCCAG
AGGTCTTATG GGGACCTCTC ACCTCCCTGC TCAAAGTGG TGGAGACTGG GCTGGAAGTC
TCCTTGACTA CAGATGAGTT ATTATACCCT TCTCCAAGG CAGGCAAGGA GGTATCTGGT
CACTCTGAAC TACTAGGCTC ACTTCCTGCC AGCTCTGAAG AGGAAGAGAT TGATGTGGTG
GACTGGACAG CAGAGGGGAG GCTGGTACCC ACTACTGTTC CCTCCGTGTG GCCTGACCCT
TCCTCAGAGT CAGAAACAGA GGTAGATATA CTAACATAG

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

Product Details

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: BTBD18

Alternative Name: BTBD18 ([BTBD18 Products](#))

Gene ID: 643376

NCBI Accession: [NM_001145101](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- 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)