

Datasheet for ABIN4931946

## Human CBWD3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	CBWD3
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 CBWD3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1188 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTTACCGG CTGTTGGATC TGTGGATGAG GAAGAGGATC CTGCGGAGGA GGATTGTCCT GAATTGGTTC CCATTGAGAC GACGCAAAGC GAGGAGGAGG AAAAGTCTGG CCTCGGCGCC AAGATCCCAG TCACAATTAT CACCGGGTAT TTAGGTGCTG GGAAGACAAC ACTTCTGAAC TATATTTTGA CAGAGCAACA TAGTAAAAGA GTAGCGGTCA TTTTAAATGA ATCTGGGGAA GGAAGTGCGC TGGAGAAATC CTTAGCTGTC AGCCAAGGTG GAGAGCTCTA TGAAGAGTGG

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## Product Details

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CTGGAACCTTA GAAACGGTTG CCTCTGCTGT TCAGTGAAGG ACAATGGCCT TAGAGCTATT  
GAGAATTTGA TGCAAAAGAA GGGGAAATTT GATGACATAC TGTTAGAGAC CACTGGATTA  
GCAGACCCTG GTGCAGTGGC TTCTATGTTT TGGGTTGATG CTGAATTAGG GAGTGATATT  
TACCTTGATG GTATCATAAC TATTGTGGAT TCAAAATATG GATTAACAACA TTTAACAGAA  
GAGAAACCTG ATGGCCTTAT CAATGAAGCT ACTAGGCAAG TTGCTTTGGC AGATATCATT  
CTCATTAATA AAACAGACTT GGTTCCAGAA GAAGATGTAA AGAAATTAAG AACGACAATT  
AGATCCATAA ATGGACTAGG ACAAATCTTA GAAACACAAA GATCAAGAGT TGATCTCTCT  
AATGTATTAG ATCTTCATGC CTTTGATAGT CTCTCTGGAA TAAGTTTGCA GAAAAAATT  
CAGCATGTGC CAGGAACACA ACCTCACCTT GATCAGAGTA TTGTTACAAT CACATTTGAA  
GTACCAGGAA ATGCAAAGGA AGAACATCTT AATATGTTTA TTCAGAATCT TCTGTGGGAA  
AAGAATGTGA GAAACAAGGA CAATCACTGC ATGGAGGTCA TAAGGCTGAA GGGATTGGTG  
TCAATCAAAG ACAAATCACA ACAAGTGATT GTCCAGGGTG TCCATGAGCT CTATGATCTG  
GAGGAGACTC CAGTGAGCTG GAAGGATGAC ACTGAGAGAA CAAATCGATT GGTCCCTCATT  
GGCAGAAATT TAGATAAGGA TATCCTTAAA CAGCTGTTTA TAGCTACTGT GACAGAAACA  
GAAAAGCAGT GGACAACACA TTTCAAAGAA GATCAAGTTT GTACATAA

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

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Gene: CBWD3

Alternative Name: CBWD3 ([CBWD3 Products](#))

Gene ID: 445571

NCBI Accession: [NM\\_201453](#)

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## Application Details

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Restrictions: For Research Use only

## Handling

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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

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