

Datasheet for ABIN4917613

Human TUBB8 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	Tubulin, beta 8 (TUBB8)
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 TUBB8 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1335 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGGGAGA TCGTGCTCAC GCAGATCGGG CAGTGCGGGA ATCAGATCGG CGCCAAGTTC TGGGAGGTGA TCTCTGATGA ACATGCCATC GACTCCGCTG GCACCTACCA CGGGGACAGC CACCTGCAGC TGGAGCGCAT CAACGTGTAC TACAACGAGG CCAGCGGTGG CAGGTACGTG CCCCGCGCTG TGCTCGTGGA TCTGGAGCCG GGCACCATGG ACTCTGTGCG CTCGGGGCCC TTCGGGCAGG TCTTCAGGCC AGACAACTTC ATCTTCGGTC AGTGTGGGGC CGGAAACAAC

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Product Details

TGGGCCAAGG GACACTACAC CGAAGGCGCG GAGCTGATGG AGTCAGTGAT GGACGTTGTC
AGAAAGGAGG CTGAGAGCTG TGA CTGCTG CAGGGTTTCC AGCTGACCCA CTCCCTGGGT
GGGGGGACTG GGTCTGGGAT GGGTACCCTT CTGCTCAGTA AGATCCGGGA GGAGTACCCA
GACAGGATCA TAAACACATT CAGCATCCTG CCCTCGCCCA AGGTGTCGGA CACCGTGGTG
GAGCCCTACA ACGCCACCCT CTCAGTCCAC CAGCTCATAG AAAACGCAGA TGAGACCTTT
TGCATAGATA ACGAAGCTCT GTATGACATA TGTTCCAAGA CCCTAAAACCT GCCCACACCC
ACCTATGGTG ACCTGAACCA CCTGGTGTCT GCTACCATGA GTGGGGTCAC CACGTGCCTG
CGCTTCCCGG GCCAGCTGAA TGCTGACCTG CGGAAGCTGG CCGTGAACAT GGTCCCCTTT
CCCCGGCTGC ATTTCTTCAT GCCCGCTTT GCCCACTGA CCAGCCGGGG CAGCCAGCAG
TACCGGGCCT TGA CTGCTG TGAGCTTACC CAGCAGATGT TTGATGCTAA GAACATGATG
GCTGCCTGTG ACCCCCGTCA CGGCCGCTAC CTAACGGCGG CTGCCATTTT CAGGGGTGCG
ATGCCCATGA GGGAGGTGGA TGAACAAATG TTCAACATTC AAGATAAGAA CAGCAGTTAC
TTTGCTGACT GGCTCCCCAA CAACGTAAAA ACAGCCGTCT GTGACATCCC ACCCCGGGGG
CTAAAAATGT CAGCCACCTT CATTGGGAAT AATACGGCCA TCCAGGAACT CTTCAAGCGT
GTCTCAGAGC AGTTTACAGC AATGTTTACAGG CGCAAGGCCT TCCTCCACTG GTACACGGGG
GAGGGCATGG ATGAGATGGA ATTCACCGAG GCCGAGAGCA ACATGAACGA CCTGGTGTCT
GAATATCAGC AATATCAGGA TGCCACGGCC GAGGAGGAGG AGGATGAGGA GTATGCCGAG
GAGGAGGTGG CCTAG

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: Tubulin, beta 8 (TUBB8)

Alternative Name: TUBB8 ([TUBB8 Products](#))

Gene ID: 347688

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Target Details

NCBI Accession: [NM_177987](#)

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)