

Datasheet for ABIN4922634

Human TCEB3C ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TCEB3C
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 TCEB3C with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1641 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCGCAG GGTCCACTAC GCTGCGCGCA GTGGGGAAGC TGCAGGTGCG TCTGGCCACT AAGACGGAGC CGAAAAAGCT AGAGAAATAT TTGCAGAAAC TCTCCGCCTT GCCCATGACC GCAGACATCC TGGCGGAGAC TGAATCAGA AAGACGGTGA AGCGCCTGCG GAAGCACCAG CACGTGGGCG ACTTTGCCAG AGACTTAGCG GCCCGGTGGA AGAAGCTGGT GCTCGTGGAC CGAAACACCG GGCCTGACCC GCAGGACCCT GAGGAGAGCG CTTCCCGACA GCGCTTCGGG

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Product Details

GAGGCTCTTC AGGAGCGGGA AAAGGCCTGG GGCTTCCCAG AAAACGCGAC GGCCCCCAGG
AGCCCATCTC ACAGCCCTGA GCACAGACGG ACAGCAGCA GAACACCTCC GGGGCAACAG
AGACCTCACC CGAGGTCTCC CAGTCGCGAG CCCAGAGCCG AGAGAAAGCG CCCCAGAATG
GCCCCAGCTG ATTCCGGCCC CCATCGGGAC CCTCCAACGC GCACCGCTCC CCTCCCGATG
CCCGAGGGCC CTGAGCCCGC TGTGCCCGGG GAGCAACCCG GAAGAGGCCA CGCTCACGCC
GCTCAGGGCG GGCCTCTGCT GGGTCAAGGC TGCCAGGGCC AACCCCAGGG GGAAGCGGTG
GGGAGCCACA GCAAGGGGCA CAAATCGTCC CGCGGGGCTT CGGCTCAGAA ATCGCCTCCT
GTCCAGGAAA GCCAGTCAGA GAGGCTGCAG GCGGCCGGCG CTGATTCCGC CGGGCCGAAA
ACGGTGCCCA GCCATGTCTT CTCGGAGCTC TGGGACCCCT CAGAGGCCTG GATGCAGGCC
AACTACGATC TGCTGTCCGC TTTTGAGGCC ATGACCTCCC AGGCAAACCC AGAAGCACTC
TCCGCGCCAG CGCTCCAGGA GGAAGCTGCT TTCCCTGGAC GCAGAGTGAA CGCTAAGATG
CCGGTGTACT CGGGCTCCAG GCCTGCCTGC CAGCTCCAGG TGCCGACGCT GCGCCAGCAG
TGCCTCCGGG TGCCTAGGAA CAATCCGAC GCCCTCGGCG ACGTGGAAGG GGTCCCCTAC
TCGGTTCTTG AACCCGTTCT GGAAGGTGG ACGCCCGATC AGCTGTACCG CACAGAGAAA
GACAATGCCG CACTCGCTCG AGAGACAGAT GAATTATGGA GGATTCATTG CCTCCAGGAC
TTCAAGGAAG AAAAGCCACA GGAGCACGAG TCTTGCGGG AGCTGTACCT GCGGCTTCGG
GACGCCCGAG AGCAGCGGCT GCGAGTAGTG ACCACGAAAA TCCGATCCGC ACGTGAAAAC
AAACCCAGCG GCCGACAGAC AAAGATGATC TGTTTCAACT CTGTGGCCAA GACGCCTTAT
GATGCTTCCA GGAGGCAAGA GAAGTCTGCA GGAGCCGCTG ACCCCGGAAA TGGAGAGATG
GAGCCAGCCC CCAAGCCCGC AGGAAGCAGC CAGGCTCCCT CCGGCCTCGG GGACGGCGAC
GGCGGCAGCG TGAGCGGCGG CGGCAGCAGC AACCGGCACG CGGCGCCCGC GGACAAAACC
CGAAAACAGG CTGCCAAGAA AGTGGCCCCG CTGATGGCCA AGGCAATTCG AGACTACAAG
GGAAGATTCT CCCGACGATA A

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:	<ul style="list-style-type: none">• 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.

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Target Details

Gene:	TCEB3C
Alternative Name:	TCEB3C (TCEB3C Products)
Background:	The SIII (or elongin) transcription elongation factor complex stimulates the rate of transcription elongation by RNA polymerase II by suppressing the transient pausing of the polymerase at many sites along the DNA template. This complex is a heterotrimer, composed of the transcriptionally active subunit A, A2 or A3 (or elongin A, A2 or A3) and two regulatory subunits, B and C (or elongin B and C). This gene encodes subunit A3. A3 and A are ubiquitously expressed, whereas A2 is specifically expressed in the testis. [provided by RefSeq, Mar 2010].
Gene ID:	162699
NCBI Accession:	NM_145653

Application Details

Restrictions: For Research Use only

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)