

Datasheet for ABIN4922633

Human TCEB3CL2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TCEB3CL2
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 TCEB3CL2 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:	ATGGCGGCAG GGTCCACTAC GCTGCGCGCA GTGGGGAAGC TGCAGGTGCG TCTGGCCACT AAGACGGAGC CGAAAAAGCT AGAGAAATAT TTGCAGAAAC TCTCCGCCTT GCCCATGACC GCAGACATCC TGGCGGAGAC TGAATCAGA AAGACGGTGA AGCGCCTGCG GAAGCACCAG CACGTGGGCG ACTTTGCCAG AGACTTAGCG GCCCGGTGGA AGAAGCTGGT GCTCGTGGAC

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Product Details

CGAAACACCG GGCCTGACCC GCAGGACCCT GAGGAGAGCG CTTCCCGACA GCGCTTCGGG
GAGGCTCTTC AGGAGCGGGA AAAGGCCTGG GGCTTCCCAG AAAACGCGAC GGCCCCCAGG
AGCCCATCTC ACAGCCCTGA GCACAGACGG ACAGCACGCA GAACACCTCC GGGGCAACAG
AGACCTCACC CGAGGTCTCC CAGTCGCGAG CCCAGAGCCG AGAGAAAGCG CCCAGAATG
GCCCCAGCTG ATTCCGGCCC CCATCGGGAC CCTCCAACGC GCACCGCTCC CCTCCCGATG
CCCGAGGGCC CTGAGCCCGC TGTGCCCGGG GAGCAACCCG GAAGAGGCCA CGCTCACGCC
GCTCAGGGCG GGCCTCTGCT GGGTCAAGGC TGCCAGGGCC AACCCAGGG GGAAGCGGTG
GGGAGCCACA GCAAGGGGCA CAAATCGTCC CGCGGGGCTT CGGCTCAGAA ATCGCCTCCT
GTCCAGGAAA GCCAGTCAGA GAGGCTGCAG GCGGCCGTCG CTGATTCCGC CGGGCCGAAA
ACGGTGCCCA GCCATGTCTT CTCGGAGCTC TGGGACCCCT CAGAGGCCTG GATGCAGGCC
AACTACGATC TGCTGTCCGC TTTTGAGGCC ATGACCTCCC AGGCAAACCC AGAAGCACTC
TCCGCGCCAA CGCTCCAGGA GGAAGCTGCT TTCCCTGGAC GCAGAGTGAA CGTAAGATG
CCGGTGTACT CGGGCTCCAG GCCTGCCTGC CAGCTCCAGG TGCCGACGCT GCGCCAGCAG
TGCTCCGGG TGCCTAGGAA CAATCCGGAC GCCCTCGGCG ACGTGGAAGG GGTCCCCTAC
TCGGCTCTTG AACCCGTTCT GGAAGGGTGG ACGCCCGATC AGCCGTACCG CACAGAGAAA
GACAATGCCG CACTCGCTCG AGAGACAGAT GAATTATGGA GGATTCATTG CCTCCAGGAC
TTCAAGGAAG AAAAGCCACA GGAGCACGAG TCTTGCGGG AGCTGTACCT GCGGCTTCGG
GACGCCCGAG AGCAGCGGCT GCGAGTAGTG ACCACGAAAA TCCGATCCGC ACGTAAAAAC
AAACCCAGCG GCCGACAGAC AAAGATGATC TGTTTCAACT CTGTGGCCAA GACGCCTTAT
GATGCTTCCA GGAGGCAAGA GAAGTCTGCA GGAGCCGCTG ACCCCGAAA TGGAGAGATG
GAGCCAGCCC CCAAGCCCGC AGGAAGCAGC CAGGCTCCCT CCGGCCTCGG GGACGGCGAC
GGCGGCAGCG TGAGCGGCGG CGGCAGCAGC AACCGGCACG CGGCGCCCGC GGACAAAACC
CGAAAACAGG CTGCCAAGAA AGTGGCCCCG CTGATGGCCA AGGCAATTCG AACTACAAG
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:

- 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: TCEB3CL2

Alternative Name: TCEB3CL2

Gene ID: 100506888

NCBI Accession: [NM_001242907](#)

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)