

Datasheet for ABIN4931940

Human CBY3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CBY3
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 CBY3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	729 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGGGCTT CCAGAGACCA TCTCCCTGAA CCAGATCTTG GGGATGCAGC GCCCCCTGGC TCGCCTTCAT CATTCTGGAC ATCCGGGCTC CCGAGACAAG AGCGCAGCAC GAGTCGCCAG CGCTCCCGAG GCTCCCCTTC GAGCACCTGC GTGCCCTACA AGGTCCACGC CCTGGCAACC TTCGAGTGCT CGGCTACGAG CCATGCCAGC CGCCTGTGGC AGACGCTGCA GCAGTTTTGG GCCGATCACA TCTCGCGGCC CTTCTCGCCA CGGCGGCCCG CACTGCGCCG CATGCCCTCC

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Product Details

CTGTCCACCT TCTACCTGCT GGACCACAAC ACGCGCCAGG CCGAGCTGGG CCTCGCCTAC
GGCGCGCCGT GCATGCGCCT CAGCAACCAG GCCTTCGTGT TCCGCGGCGG GCGGTGGACC
ACTGAGAGCC AGCTGGCGAG GACGCGGTCG CCGCTGCTCT CGCGGACCGC CTGGGGCTGG
AAGGCGCAGG TGCAGCGGTC CAAAAGCCAA GTGTTGCTGG AGGAGAACAA CTACCTGAAG
CTGCAGCAGG AACTGCTCAT AGACATGCTG ACTGAGACCA TGGCGCGCAT GCACTTGCTG
GAGAAGCAGC GCAACCCCGA GGTGATCCCG ACGGCTGCGG CGCGCGCCGG GCAGAGGAAG
ATGCGCAAGC GCGCAGGCGC CAGCGCGGGC GTGCTCATGA TCCAGCCGTG CGCTCTGGAC
TCGCAGTGA

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: CBY3

Alternative Name: CBY3 ([CBY3 Products](#))

Gene ID: 646019

NCBI Accession: [NM_001164444](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

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Handling

- 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.
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Expiry Date: 12 months

Publications

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