

Datasheet for ABIN4932232

Human C4ORF45 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C4ORF45
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 C4orf45 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	561 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCATCTG TATCATACCA AAAGCCAACA TCTACTACTG TGGGAAAACA AATGATTTTT ACAGGTCCAG ACTACATAAA GGATTATTTA CCCAAAATTC ATCAGCACAC CTCCTATGTA GGAGAACAGC ATCTGGCGTT AGAAAAAACT GGAGATCTCA GATATTTATG GAGGCCTGCC TCAAATAGAA GCTTGCCAGC AAAATATAAA CATGAGTACG TCAGTGAAAT TGTTGGAGA

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Product Details

ATACCACAGT ATAATTTTAT CAACAAATCA AGACTGGGGA GTGGCTTTCA TATCAAGTAT
GAAGAACTAA GTCAAGCTTC TCTTGATTCA ATAACCCACA GATATCAAAA CCCATGGCAA
CCAAAACCTC ATGTCCTGGA TATGCAAGGA AAACAGAGTC GCGCTTCTTT TGCCTGGCAT
ATGAGTGCTT TCGAGGACAC TGATCAGAGA AATTCCAAAT GGGCTATTCT TGTTAGGCAG
TGTAAGTCAT CATTGCCAAG AGCTTCCAAA CCACCTAAGC TGCCGAAGCT ACCAAAAAAG
GAAAAGAAAA GGAAACATTA 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.

Target Details

Gene: C4ORF45

Alternative Name: C4orf45 ([C4ORF45 Products](#))

Gene ID: 152940

NCBI Accession: [NM_152543](#)

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)

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Handling

- 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)