

Datasheet for ABIN4928933

Human H3F3C ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	Histone H3.3C (H3F3C)
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 H3F3C with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	408 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCCCGAA CCAAGCAGAC TGCTCGTAAA TCCACCGGTG GGAAAGCCCC CCGCAAACAG CTGGCCACGA AAGCTGCCAG GAAAAGCACC CCCTCTACCT GCGGGGTGAA GCCTCATCGC TACAGGCTG GGACCGTGGC GCTTCGAGAG ATTCGTCGTT ATCAGAAGTC GACCGAGCTG CTCATCCGGA AGCTGCCCTT CCAGAGGTTG GTGAGGGAGA TCGCGCAGGA TTTCAACACT GACCTGAGGT TTCAGAGCGC AGCCGTCGGT GCGCTGCAGG AGGCTAGCGA AGCGTACCTG

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Product Details

GTGGGTCTGT TGGAAGATAC TAACCTGTGT GCCATCCACG CTAAGAGAGT CACCATCATG
CCCAAAGACA TCCAGTTGGC TCGCCGGATA CGGGGAGAGA GAGCTTAA

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: Histone H3.3C (H3F3C)

Alternative Name: H3F3C ([H3F3C Products](#))

Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded by this gene is a member of the histone H3 family. [provided by RefSeq, Aug 2015].

Gene ID: 440093

NCBI Accession: [NM_001013699](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Page 2/3 | Product datasheet for ABIN4928933 | 09/13/2023 | Copyright antibodies-online. All rights reserved.

Handling

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)