

Datasheet for ABIN4927384

Human MBD3L4 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	MBD3L4
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 MBD3L4 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	627 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGAGAGC CTGCGTTCAC CTCTTTTCCG AGCCACCTG TTCTGGGGAA GCTCAAAAGA AACATGATGC CCTGGGCTTT ACAGAAGAAA CGAGAAATCC ACATGGCCAA GGCCCATCGG AGACGAGCTG CGAGGTCTGC TCTCCCATG AGACTACCA GCTGCATCTT CCGGAGGCCG GTGACAAGGA TCAGGTCTCA TCCTGACAAC CAGGTCAGAC GCAGAAAAGG GGACGAGCAC CTGGAGAAGC CGCAGCAACT CTGCGCCTAC CGGAGACTGC AGGCCCTGCA GCCCTGCAGC

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Product Details

AGCCAAGGAG AAGGTTCAAG TCCACTGCAT TTGGAGAGCG TCTTAAGTAT CCTTGCACCG
GGGACGGCCG GTGAATCTCT GGACAGAGCT GGTGCTGAGC GTGTGCGCAT CCCGCTTGAG
CCCACCCCTG GGCGGTTTCC AGCTGTGGCA GGGGGGCCAA CCCAGGAAT GGGTTGTCAG
CTCCCACCGC CCCTCTCTGG CCAATTGGTG ACTCCTGCAG ATATCCGGAG ACAGGCCAGG
AGGGTGAAGA AAGCCAGGGA GAGACTGGCC AAGGCCTTGC AGGCAGACAG GCTGGCCAGG
CAGGCAGAAA TGCTGACATG TAGATGA

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: MBD3L4

Alternative Name: MBD3L4 ([MBD3L4 Products](#))

Background: This gene encodes a member of a family of proteins that are related to methyl-CpG-binding proteins but lack the methyl-CpG binding domain. There is no definitive support for transcription of this locus, and the transcript structure is inferred from other family members. [provided by RefSeq, Aug 2009].

Gene ID: 653656

NCBI Accession: [NM_001164419](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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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)