

Datasheet for ABIN4919078

Human MAGEA12 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	MAGEA12
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 MAGEA12 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	945 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCCACTTG AGCAGAGGAG TCAGCACTGC AAGCCTGAGG AAGGCCTTGA GGCCCAAGGA GAGGCCCTGG GCTTGGTGGG TGCGCAGGCT CCTGCTACTG AGGAGCAGGA GACTGCCTCC TCCTCCTCTA CTCTAGTGGA AGTCACCCTG CGGGAGGTGC CTGCTGCCGA GTCACCAAGT CCTCCCCACA GTCCTCAGGG AGCCTCCACC CTCCCCACTA CCATCAACTA TACTCTCTGG

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Product Details

AGTCAATCCG ATGAGGGCTC CAGCAACGAA GAACAGGAAG GGCCAAGCAC CTTTCCTGAC
CTGGAGACGA GCTTCCAAGT AGCACTCAGT AGGAAGATGG CTGAGTTGGT TCATTTTCTG
CTCCTCAAGT ATCGAGCCAG GGAGCCATTC ACAAAGGCAG AAATGCTGGG GAGTGTGCATC
AGAAATTTCC AGGACTTCTT TCCTGTGATC TTCAGCAAAG CCTCCGAGTA CTTGCAGCTG
GTCTTTGGCA TCGAGGTGGT GGAAGTGGTC CGCATCGGCC ACTTGTACAT CCTTGTACC
TGCTGGGCC TCTCCTACGA TGGCCTGCTG GGCGACAATC AGATCGTGCC CAAGACAGGC
CTCCTGATAA TCGTCCTGGC CATAATCGCA AAAGAGGGCG ACTGTGCCCC TGAGGAGAAA
ATCTGGGAGG AGCTGAGTGT GTTGGAGGCA TCTGATGGGA GGGAGGACAG TGTCTTTGCG
CATCCCAGGA AGCTGCTCAC CCAAGATTTG GTGCAGGAAA ACTACCTGGA GTACCGGCAG
GTCCCCGGCA GTGATCCTGC ATGCTACGAG TTCCTGTGGG GTCCAAGGGC CCTCGTTGAA
ACCAGCTATG TGAAAGTCCT GCACCATTTG CTAAGATCA GTGGAGGACC TCACATTTCC
TACCCACCCC TGCATGAATG GGCTTTTAGA GAGGGGAAG AGTGA

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: MAGEA12

Alternative Name: MAGEA12 ([MAGEA12 Products](#))

Background: This gene is closely related to several other genes clustered on chromosome X. These genes may be overexpressed in tumors. Multiple alternatively spliced variants encoding the same protein have been identified. [provided by RefSeq, Jun 2014].

Gene ID: 4111

NCBI Accession: [NM_005367](#)

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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)