

Datasheet for ABIN4929556

Human FOXD4L3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FOXD4L3
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 FOXD4L3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1254 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAACCTGC CAAGAGCTGA GCGCCTTCGC TCCACACCGC AGCGCAGCCT CCGGGACTCC GATGGGGAAG ACGGTAAAAT CGATGTCCTG GGAGAGGAGG AAGATGAAGA CGAGGTGGAA GACGAGGAGG AGGCGGCGAG CCAGCAGTTC CTAGAGCAGT CGCTCCAGCC GGGGCTGCAG GTGGCCCGGT GGGGCGGGGT TCGCCTTCCC CGAGAGCACA TCGAGGGCGG CGGCGGCCCG

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Product Details

AGCGACCCCT CAGAGTTTGG CACCAAGTTC AGGGCACCGC CAAGGTCTGC GCGGGCCTCT
GAAGATGCCC GGCAGCCGGC AAAGCCCCC TACTCGTACA TCGCGCTCAT CACCATGGCC
ATCCTGCAAA ACCCGCACAA GCGCCTCACG CTCAGCGGCA TCTGCGCCTT CATTAGTGCC
CGTTCCCCT ACTACCGCCG CAAGTTCCCC GCCTGGCAGA ACAGCATCCG CCACAACCTC
TCGCTGAACG ACTGCTTCGT TAAGATCCCC CGCGAGCCGG GCCACCCAGG CAAGGGCAAC
TACTGGAGCC TGGACCCCGC CTCCAAGAC ATGTTTCGACA ATGGCAGCTT TCTCCGGCGT
AGGAAGCGTT TCAAGCGCCA CCAACTGACC CCGGGAGCCC ACCTGCCCCA CCCCTTCCCT
CTACCTGCTG CACACGCCGC CCTGCACAAC CCCC GCCCAG GCCCTCTGCT TGGGGCCCCT
GCCCCGCCGC AGCCAGTCCC GGGGGCCTAC CCCAACACCG CCCC CGGGAG ACGCCCTTAC
GCTCTGCTGC ACCCGCATCC TCTTCGCTAC CTACTGCTCT CGGCCCCCGT CTATGCCGGG
GCACCGAAGA AAGCAGAAGG CGCGGCCCTG GCGACCCCGG CACCCTTCCC GTGCTGCAGC
CCTCACTTGG TCCTCAGCCT TGGGAGGAGG GCAAGGGTCT GCGTCGCCA CCGGGAGGCG
GATGCATCTC TTTCAGCATT GAGAGTATTA TGCAAGGGGT CAGGGGAGCG GGTACAGGGG
CTGCGCAGAA TTTGTCCCCG ACCGCGTGGA GCTACTGCCA CCTGCTCCAG CGACCATCAA
GCCTGTTGCA TCCCCAGACC GCTGCCCTT TGCTGCAAGT GTCCGCCGCC GCCGCTGCTC
GGACAATTTT GCAGCAATAG CAGCAGCATC AGGAGGAGGA CTGCGCCAAC GGCTGCGCTC
CCACCAAGGG CGCGGTGCTG GCGGGGCACC TGTCGGCCTC GTCGGCCCTG CTGA

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: FOXD4L3

Alternative Name: FOXD4L3 ([FOXD4L3 Products](#))

Gene ID: 286380

NCBI Accession: [NM_199135](#)

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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)