

Datasheet for ABIN4929554

## Human FOXD4L5 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	FOXD4L5
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 FOXD4L5 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1251 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAACCTGC CAAGAGCTGA GCGCCCTCGC TCCACACCGC AGCGCAGCCT CCGGGACTCC GATGGGGAAG ACGGTAAAAT CGATGTCCTG GGAGAGGAGG AAGATGAAGA CGAGGTGGAA GACGAGGAGG AGGAGGCGAG ACAGCAGTTC CTAGAGCAGT CACTCCAGCC GGGGCTGCAG GTGGCCCGGT GGGGCGGGGT TCGCCTTCCC CGAGAGCACA TCGAGGGCGG CGGCGGCCCG

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## Product Details

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AGTGACCCCT CAGAGTTTGG CACCAAGTTC AGGGCACCGC CAAGGTCTGC GCGGGCCTCT  
GAAGATGCCC GGCAGCCGGC AAAGCCCCC TACTCGTACA TCGCGCTCAT CACCATGGCC  
ATCCTGCAAA ACCCGCACAA GCGCCTCACG CTCAGCGGCA TCTGCGCCTT CATTAGTGCC  
CGTTCCCAT ACTACCGCCG CAAGTTCCCC GCCTGGCAGA ACAGCATCCG CCACAACCTC  
TCGCTGAACG ACTGCTTCGT TAAGATCCCC CGCGAGCCGG GCCACCCAGG CAAGGGCAAC  
TACTGGAGCC TGGACCCCGC CTCCCAGGAC ATGTTTCGACA ATGGCAGCTT TCTCCGGCGT  
AGGAAGCGTT TCAAGCGCCA CCAACTGACC CCGGGAGCCC ACCTGCCCCA CCCCTTCCCT  
CTACCTGCTG CGCACGCCGC CCTGCACAAC CCCCACCCAG GCCCTCTGCT TGGGGCCCCT  
GCCCCGCCGC AGCCAGTCCC GGGGGCCTAC CCCAACACCG CCCCAGGGAG ATGCCCTTAC  
GCTCTGCTGC ACCCGCATCC TCTTCGCTAC CTACTGCTCT CGGCCCCCGT CTATGCCGGG  
GCACCGAAGA AAGCAGAAGG CGCGGACCTG GCGACCCCGG CACCCTTCCC GTGCTGCAGC  
CCTCACTTGG TCCTCAGCCT TGGGAGGAGG GCAAGGGTCT GCGTCGCCA CCGGGAGGGC  
GATGCATCTC TTTCAGCATT GAGAGTATTA TGCAAGGGGT CAGGGGAGCG GGTACAGGGG  
CTGCGCAGAG TTTGTCCCCG ACCGCGTGGA GCTACTGCCA CCTGCTCCAG CGACCATCAA  
GCCTGTTGCA TCCCCAAACC GCTGCCCTT TGCTGCAAGT GTCCGCCGCC GCTGCTGCTC  
GGACAATTTT GCAGCAATAG CAGCAGCATC AGGAGGACTG CGCCAACGGC TCGCTCCCA  
CCAAGGGCGC GGTGCTGGGC GGGCACCTGT CGGCCTCGTC GCGCTGCTG 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

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Gene: FOXD4L5

Alternative Name: FOXD4L5 ([FOXD4L5 Products](#))

Gene ID: 653427

NCBI Accession: [NM\\_001126334](#)

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## Application Details

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Restrictions: For Research Use only

## Handling

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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

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)