

Datasheet for ABIN4925902

## Human OVOL3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	OVOL3
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 OVOL3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	573 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCCCGCG CCTTCCTGGT CAGGAGTCGG CGTCCACAGC CCCCCTACTG GGGCCATCTG CCTGACCAGC TCCGGGGAGA TGCCTATATC CCAGACTGCA GCAGCCTGGG GGGGCCACCG GCACAACAGT CGTCCAGTGT CAGGGATCCG TGGACAGCGC AGCCACACA GGGCAACCTG ACCTCTGCTC CCAGGGGCCC TGGGACGCTG GGCTGCCCGC TCTGCCCTAA GGCCTTCCT CTGCAGCGCA TGCTGACAAG GCACCTCAAG TGCCACAGCC CCGTGCGCCG CCACCTGTGC

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## Product Details

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CGCTGTTGTG GCAAGGGCTT TCATGACGCC TTCGATCTCA AGCGCCACAT GAGGACTCAC  
ACTGGGATCC GGCCCTTCCG CTGCAGTGCT TGCGGGAAAAG CGTTTACGCA GCGCTGCTCC  
CTGGAAGCTC ACCTTGCTAA GGTGCATGGA CAGCCGGCCA GCTACGCTTA CCGTGAGCGC  
CGCGAGAAGC TGCACGTGTG CGAGGACTGC GGCTTCACCA GCTCCCGGCC CGACACCTAC  
GCACAGCACC GCGCCCTGCA CCGCGCAGCC TGA

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: OVOL3

Alternative Name: OVOL3 ([OVOL3 Products](#))

Gene ID: 728361

NCBI Accession: [NM\\_001302757](#)

## 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.

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## Handling

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- 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.

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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)