

Datasheet for ABIN4933269

## Human ANKRD66 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	ANKRD66
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 ANKRD66 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	756 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGACACAA CACTCCGGAT GGTTAGGACT GCCTGTCAGC ACAGAGCTCC TCAAATTTCA CACAAGACAG GCTGTTCTCA CATTTC AATG CACTCACCTG GAGGGCTTAC CACAACAAAG ATGGCCGGAC CCCTGCCAG AGTTTCAGAT TCTTTGTTTT CTGCCATGGA ATTGGCCAAA ATGTCAGACA TGACAAAGCT TCACCAAGCT GTGGCTGCAG GAGACTACAG CTTAGTGAAG

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## Product Details

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AAGATTTTGA AGAAAGGTCT CTGTGACCCA AACTACAAAG ATGTAGACTG GAATGACCGG  
ACCCCACTTC ACTGGGCTGC AATCAAAGGG CAAATGGAGG TGATACGGCT CCTGATAGAA  
TATGGAGCCA GGCCCTGCCT GGTACTAGT GTGGGCTGGA CCCCAGCTCA TTTTGCAGCA  
GAAGCAGGCC ATCTGAATAT ACTCAAACCT CTCCATGCAT TGCACGCTGC CATCGACGCC  
CCTGACTTCT TTGGAGACAC ACCGAAGAGG ATTGCACAGA TCTATGGACA GAAAGCCTGT  
GTGGCATTTC TGGAAAAGGC AGAGCCCGAG TGCCAGGACC ACCGTTGCGC TGCCCAGCAG  
AAGGGGCTGC CTCTGGATGA GCGTGATGAA GACTGGGATG CCAAGAAAAG GGAGCTGGAG  
CTGTCTCTTC CTTCCCTAAA TCAAACATG AATAAAAAGA ATAAGAAAAG TCGAGGCCCC  
ACCAGGCCCA GCAATACCAA GGGGAGGAGA GTATGA

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: ANKRD66

Alternative Name: ANKRD66

Gene ID: 100287718

NCBI Accession: [NM\\_001162435](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

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## Handling

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- 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.
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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)