

Datasheet for ABIN4920988

## Human ZNF284 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	ZNF284
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 ZNF284 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1782 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGACCATGT TCAAGGAGGC AGTGACCTTC AAGGATGTGG CTGTGGTCTT CACCGAGGAG GAGCTGGGGC TGCTGGACGT TTCCAGAGG AAGCTGTATC GAGATGTCAT GCTGGAGAAC TTCAGAAACC TGCTATCAGT GGGGCATCAA CTTTCCCACC GAGATACTTT TCACTTCCAA AGAGAAGAAA AGTTTTGGAT CATGGAGACA GCAACCCAAA GAGAAGGGAA TTCAGGAGGC AAGATCCAAA CTGAGTTGGA GTCTGTTCCA GAAACAGGAC CACATGAAGA GTGGTCTTGC

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CAGCAAATCT GGGAACAAAC TGCAAGTGAG TTAAGTAGAC CTCAAGACTC CATAAGTAGC  
TCTCAGTTCT CCACACAAGG TGATGTCCCC TCCCAGGTTG ACGCAGGACT ATCTATAATT  
CACATAGGAG AGACACCTTC TGAGCATGGG AAGTGTAATA AATTCTTCAG TGATGTCTCC  
ATCCTTGATC TTCATCAACA ATTAACTCA GGAAAGATAT CCCATACATG TAATGAGTAC  
AGGAAGAGAT TCTGTTATAG CTCAGCTCTT TGTCTTCATC AGAAAGTTCA CATGGGAGAG  
AAACGCTATA AGTGTGATGT GTGTAGTAAG GCATTTAGTC AGAACTCACA ACTGCAAAC  
CATCAGAGAA TCCACACTGG AGAGAAACCA TTCAAATGTG AGCAGTGTGG GAAAAGTTTC  
AGCCGTAGAT CAGGAATGTA TGTTCAATGC AAATTACACA CAGGAGAAAA ACCTCATATT  
TGTGAGGAAT GTGGGAAGGC CTTCAATCAC AATCCCAGC TTCGGGAACA TCAAAGAATC  
CATACTGGGG AGAAGCCATT CAAATGTTAT ATATGTGGTA AGAGCTTCCA TAGTAGATCA  
AATCTTAATA GGCATTCCAT GGTCCACATG CAAGAGAAAT CATTAGATG TGATACCTGT  
AGTAATAGCT TTGGTCAGAG ATCAGCACTT AATAGTCATT GCATGGACCA CACAAAAGAG  
AAACTATACA AATGTGAAGA ATGTGGAAGG AGCTTCACTT GTAGGCAAGA TCTTTGTAAG  
CATCAGATGG ACCATACAGG AGACAAACCA TATAATTGTA ATGTATGTGG GAAGGGCTTC  
AGGTGGTCCT CATGTCTTTC AAGACATCAG CGGGTCCACA ATGGAGAAAC AACATTCAAG  
TGCGACGGAT GTGGGAAGAG ATTTTATATG AATTCACAGG GCCATTCACA TCAGAGAGCC  
TATAGAGAAG AAGAACTGTA TAAATGTCAG AAGTGTGGGA AGGGCTACAT TAGTAAGTTT  
AATCTTGACT TGCACCAGAG GGTCCACACG GGAGAGAGAC CTTATAATTG TAAGGAATGT  
GGAAAGAGCT TCAGGTGGGC CTCAGGTATT TTGAGACATA AGAGACTCCA TACTGGAGAA  
AAACCATTCA AATGTGAAGA GTGTGGGAAG AGGTTTACTG AGAATTCAA ACTTCGTTTC  
CATCAAAGAA TTCACACTGG AGAAAAGCCT TACAAATGTG AGGAGTGTGG AAAGGGATTC  
AGATGGGCCT CAACTCATCT AACCCATCAA AGACTCCACA GCAGAGAAAA ACTATTCCAA  
TGTGAGGATT GTGGGAAGAG CAGTGAGCAC AGTTCATGCC TTCAAGACCA ACAAAGCGAC  
CACAGTGGAG AAAAAACATC CAAATGTGAG GACTGTGGGA AGCGCTACGA GAGGCGCTTG  
AATCTAGATA TGATTTTATC ATTATTTTAA AATGATATAT AA

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Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

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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.

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Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

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Grade: End-sequenced

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Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene:	ZNF284
Alternative Name:	ZNF284 ( <a href="#">ZNF284 Products</a> )
Gene ID:	342909
NCBI Accession:	<a href="#">NM_001037813</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Storage:	RT/-20 °C

Storage Comment:	<ul style="list-style-type: none"><li>• Keep the vial sealed and store at -20°C for long-term storage.</li><li>• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.</li><li>• 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.</li><li>• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.</li><li>• Close the lid and vortex the vial for 1 minute.</li><li>• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.</li></ul>
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Expiry Date:	12 months
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## Publications

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