

Datasheet for ABIN4933770

## Human ZNF460 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	ZNF460
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 ZNF460 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1689 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCGGCGG CGTGGATGGC TCCGGCGCAG GAGTCTGTGA CCTTCGAGGA TGTGGCTGTG ACATTTACCC AGGAGGAGTG GGGGCAGTTG GACGTGACCC AGAGGGCCTT GTACGTGGAG GTGATGCTGG AGACCTGTGG GCTTCTGGTC GCACTGGGTG ACAGCACAAA ACCTGAGACC GTAGAGCCTA TCCCTTCTCA TCTGGCCTTG CCTGAGGAAG TCTCACTCCA GGAACAGCTG GCACAGGGAG TCCAAGATA CTCCTATTTG GGGCAGGCCA TGGATCAAGA TGGGCCATCT

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GAAATGCAGG AATACTTTTT GAGACCAGGG ACAGACCCAC AGAGTGAGAA ACTCCATGGG  
AAAATGAGCC TTGAACACGA AGGTTTGGCG ACAGCTGATG GTATTTGTTC AATGATGATA  
CAGAACCAAG TCTCACCAGA AGATGCTCTC TATGGATTG ACTCATATGG ACCAGTTACA  
GATTCCTTGA TTCATGAAGG GGAAAATTCC TATAAATTCG AGGAAATGTT TAATGAGAAT  
TGCTTCCTTG TTCAGCATGA GCAGATTCTC CCTCGTGTGA AGCCCTATGA TTGCCAGAA  
TGTGGGAAAG CCTTCGGCAA GAGCAAACAC CTCCTTCAGC ATCACATCAT CCATACTGGG  
GAGAAGCCCT ATAAATGCCT GGAGTGTGGG AAAGACTTCA ACCGCAGGTC ACACCTCACA  
CGGCACCAGC GGA CT CACAA TGGAGATAAG CCCTTTGTGT GCAGTGAATG TGG AAGGACC  
TTCAATCGCG GGTCGCACCT TACACGGCAC CAGCGGGTTC ACAGTGGAGA GAAGCCTTTT  
GTGTGCAATG AATGTGGAAA GGCCTTTACC TACCGCTCCA ATTTTGTCTT GCATAACAAG  
AGCCACAATG AGAAGAAACC CTTTCGCATGC AGCGAATGTG GAAAAGGCTT TTATGAGAGT  
ACAGCCCTCA TTCAACACTT CATTATCCAT ACTGGGGAGA GGCCCTTTAA GTGCCTTGAG  
TGTGGGAAGG CCTTCAACTG CAGGTCACAC CTCAAGCAGC ATGAGCGGAT TCACACTGGT  
GAGAAGCCCT TTGTGTGCAG TCAATGTGGA AAGGCCTTCA CTCACTATTC CACCTATGTC  
CTGCATGAAA GAGCCACAC TGGAGAAAAG CCTTTTGTAGT GCAAAGAATG TGGGAAAAGCC  
TTTAGCATTC GAAAAGACCT CATTTCGACAC TTCAACATCC AACTGGGAGA GAAGCCCTAT  
GAGTGTTTAC AGTGTGGAAA GGCTTTTACC CGCATGTCAG GGCTCACAAG GCACCAGTGG  
ATTCATACTG GAGAGAAGCC GTATGTATGC ATCCAATGTG GGAAAGCCTT TTGTGGGACC  
ACAAACCTGA TTCGACACTT TAGCATCCAC ACTGGAGAGA AGCCCTATGA ATGCGTGGAG  
TGCGGGAAGG CCTTCAACCG CAGGTCACCC CTCACAAGGC ACCAGCGGAT TCACACTGCA  
GAGAAGTCCC ACGAACCCAT CCAGAGTGGG AACGTTTCTT GTGAGAGCAC AGATCTCATT  
CAACACTCCA TCATCCACAC TGAGAGTAGC CCAGTGAGTG CAGTGAATAT GGAAACGCCT  
TCAATTGCCG CTCATTCTC CTCACTCGAC ATCAACGGAT TCATAGTGGA AGAAACCCTA  
CCATTGTAA

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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: ZNF460

Alternative Name: ZNF460 ([ZNF460 Products](#))

Background: Zinc finger proteins, such as ZNF272, interact with nucleic acids and have diverse functions. The zinc finger domain is a conserved amino acid sequence motif containing 2 specifically positioned cysteines and 2 histidines that are involved in coordinating zinc. Kruppel-related proteins form 1 family of zinc finger proteins. See ZFP93 (MIM 604749) for additional information on zinc finger proteins.[supplied by OMIM, May 2004].

Gene ID: 10794

NCBI Accession: [NM\\_006635](#)

## 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)