

Datasheet for ABIN4944447

## Human C18ORF63 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	C18orf63 (C18ORF63)
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 C18orf63 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2058 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAATGATT CTAGGCAGCA GTCTCTGTTTTCATCACAC TTCCAGATTT AAACAAACTC TGTGCTGTCA GAATAACT GAGTAATAAG GTGGCAGATA CTGAGATTAG GACTATACAA ATGAAGATGT GCAGGCAATT GCTGTTTTTTCATCAAGATA TTCTTACATC ACCTGTGTCT GGAATATTAA ACCAAATCTG GGTGGTGATG GCGATACCAT TTTATAAAGC AAGAAACTT

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AATGCCTATG TTGAAAAATA TGGAGCTAAG ATGGAGGCTC CACAAAGAGT AATTCCTGTA  
ATTCTTCAGA ACTGCCTGTC ATATTCATTC ATGGCTAGAC TTGCTCCAGC CTGGAATAGA  
ACTGGTCATC TCTTGATACA AGGAAGAGAT TTTCTTTCTC AGATGGGAAA ACAAAGTGCT  
GTTGTATTAA ACATCAATGT AACAGAACT CAAGTTTGTG TAAGTATAGA AGCTTGACACA  
ATCAGACTGC CAGCACCTGA GCTAAAAGAG TTTGAGATTT CCCAGAGTAT TATAAAGGAT  
TTTCATGCTA ACAAGCATGC TGTCATTGAG AGACATTCCA TTTTAAGCAA CTGGTGCTAC  
GTTTTGCCAA GTATGAAAAT GGGACAAATT ATAAATATTT TTCATGCCAT CCCCCTGCC  
TGTCCTTTTC ACTCATATGG AGATTTCCAG AGACACTGGG ATGCCCTGTA TGGCTATAAA  
CTTCCAGGTG ATTGTGGAAA AATTAATA TACTGCAACA TCTATTTCAA AATGCTCGGA  
GAAAGGACCT TCACATATCC TCTCAGTTGC ATCAGAAGTC AGCCCATGCA GTTCTTTCCA  
AGGGTAGATT CGGAAGTTGT GTTGAAGAGT TTTCTTTTCCAG ATTTAAAATC TAAACTGCCC  
CATATATGTG GATTTCCCAT AAAGATGACA AGTAAACCAT GCTACTACAC ACAAGAACTA  
ACTAAACCTA ATATACAGGA ACACAAAGTC AAGCCACCCA ATTTGACCAC TAAAAAATG  
CTTAGGGCAT CTCTGACTCA AGCCACTTCC AGAAAGCCTG CCTGTGCTCA AAGTCTTCTA  
CCATGTTTCCAG TAGCAGTGGG CCACAAGGTG GAGCTTTTCCAG TCAGCCAGCC AACATCAGGC  
ATTTTCTCAG CTTTGCATCT CCAGCCAGAG TCTGTTTCCAG GTAGAAAGAA ATCCCTGTCT  
ATCAGGGCTC CACAAGTACA TTCAGAAGTA TTAATGCCCA ACAGAGGAAA TACTCAAGTT  
CAGCACACAA ATCTTAGCTC CCAAAGCAAC ATCACCCCTA AGTTTGTACC AGTTTTTCAA  
AATAGATTGT TACAAATGAA CAAAAATACC TCAGTACTTG GCAGCCCAA AAGAAAACAG  
CATGATGTGA CACAATCTAA ATTGTTTTCA CTCAAACTA GTATGATCCA GCATGACAAA  
CTGAATTTAG GTCCAGCTAT AAAAAACCGT TATAGTAGTA ACATTCAGAT GCAGGCTGCT  
AACAATTTAA ATCAGGAGAA TTCCAGACCT CTGCAAGAAA AAAATACAGA GTCTTCTGAA  
AATATGACAA AATTTCCCTC TTCTCGTGGG AAATCGACTG TGAGTTTAAA CAAAAATAAG  
CAACTATCTA ATAGTGCAGT ATTTGTGGTG TCAAATAACA ATTTAGGGGT GGTAAAAAGT  
GCTGTTGACT TCCAAATGAA AGGAAAAGAA AATTTAACAG GCAAAGGTAT AACACAAATT  
TTAGGGAAAA GCCATGGGTC ACTAAAAGT AAAAGACAGC CACACATTTT TGAATCAGAT  
GGAGAAACCG AAGATCCACG ACTGCTACAG CAGCAATCAG AAAATCAAGC TAAAGAAGTT  
GGTACAAGTG ACCACAGGTT GATAGTAAGC AAAATAGCCC ACAGGTCTAA AAGAAAATTA  
TGTCCAGAGT CTCCAAAAC TTCAAAGAAG CATCATTCCG ATACTGTGCA CTATGGCCAA  
TCCAGTTCTT CTAAGAAGCA GATACTTGAC TCGGATAAAT CAAAACCTAA GAAATCTCTC  
ATCATTGATA ATGCTTAG

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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

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## Product Details

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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: C18orf63 (C18ORF63)

Alternative Name: C18orf63

Gene ID: 644041

NCBI Accession: [NM\\_001174123](#)

## 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)

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