

Datasheet for ABIN4930836

## Human CXORF49B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	CXORF49B
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 CXorf49B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1545 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGCTCCC CCGACAAGGT GTCCGTTTGT GGGGCCGGTT TCGACCTGGA GGGTGGCAAA AAGGCTGGCT CCCGCACGGC CAGCCCCGGA GCCCCAGGGG CCCACAGCCA CGGCCTCGAT TTGGGGGTGC CGGGCAGCGG CGATGGCAAG AGCGAGAGCG GGTTCACAGA TCCAGAGGGC TTCAGCTTCG AGTCTGAGAG CGAATTGATA GAGCAAGGAA GGGTGGTGCT CTGGGGCCGG

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## Product Details

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GAAGGCCGGC CAGGCACCCC GGTGGATGAC CAAGGGGACG TTGTGGACTA CTCATTCTAC  
CTGGCTGACG AACCAGCCGC CATCGTGCCG CCGCCCAGCG TCCAGGGACA CCCGTTCCCA  
GAAGGTGCCG CTGCCGAAGG GTCGGCTGAG AATTGGGCAG ATGCGGAGGT CGGTCCCAGT  
GGGAGAGACG TGCTGGGCCA CAGCCCTGGA AAATGGCAGC AGGCCTCTGC CGGCCGTCTC  
CACCTCTGCG GTCCTGGGCC AGTGCGGGCC TGAAGAACC CGGAAAGGGG CTCGAAGAGC  
AGATGGAGCC TCCGCGTGGA TCCCCAGCAG CCCTCTGCGA AAGGCCCCAC CAGGCTGCCT  
ACCCACGACT CTGATTCCGC AGATGAGAGC AGCGACTTAC CACTGATGAA GGTAGGCATT  
TGCCGCAACG AAGGAAGCCA GGCCAAGCCC GGCAGCCCCA AGAAGCGAGC AGACACATCC  
AGACAGGCAA GCTTCCACTG CAAGGAGAGT TACCTGCCTG TGCCGGGCCG TTTCTGACC  
TCTGCTCCCC GCGGACTCAC TCCAGTCGCA GAGAGGCCGG CTGTGGGAGA GCTGGAGGAC  
TCTCCCCAGA AGAAAATGCA GAGCAGGGCC TGGGGAAAGG TGGAGGTCAG GCCCAGCTGC  
TCAGGAGCTG CTGCTGCAGG GGCCCTGCCC CAGGGCCTTT CGAGGAGGAA GATGGCCGGG  
GGGAAGAAGT CCCTAGGGGG TGCCTCTCAA CTGGCCCTGG GGAGAGGCTT TCCTGCCTGC  
GGAGAGAGAC TCTCAGCCGC TCCCCGGAG CCGGCCACCT TCCCGCCATT CTCTGGTGTG  
CGGCCACAGG GGATGTCCAA GAAACCCCAA AAGCCTAAGC ACAGCAGCCC TGGGAAGAAA  
CCAGCAGGGA GGAAGACCAG GGAGTCCCAG GCTGCGGCCA GAGAAGATAA TGACCCAAAT  
AGAGATGAGG TCCAAGAGC CCAACTTCCC ACCCACAGGC CAGGACTGCC TCGCCTGTCT  
GTGCGTCGTG GAGAATTCAG CAGTAGCGAC CCCAACATCA GAGCTCCCCA ACTTCCGGGA  
ACTTCAGAGC CCTCGGCCTA CAGCCCGGGA GGCCTCGTGC CCAGACGCCA TGCACCCTCC  
GGTAACCAGC AGCCGCCTGT CCATCCCCCA AGACCGGAAA GGCAGCAGCA GCCCCCGGGA  
GCCCAGGGCT GTCCTCGGTG CATCTGGCTG CAGAGGGAAA TTGAGGACCT TACACAGCAG  
CTAGCGGCCA TGCAGTTCCT CACTGACAAG TTCCAGGACC TTTGA

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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:	<ul style="list-style-type: none"><li>• Forward primer: 5'-TAATACGACTCACTATAGGG-3'</li><li>• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'</li></ul>
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

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## Target Details

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Gene: CXORF49B

Alternative Name: CXorf49B

Gene ID: 100132994

NCBI Accession: [NM\\_001145139](#)

## 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)