

Datasheet for ABIN4930911

## Human CT47A1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	CT47A1
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 CT47A1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	867 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGTCTGCCA CAGGGGACCG ACACCCGACC CAAGGGGACC AGGAGGCCCC GGTAAGCCAG</p> <p>GAGGGAGCAC AGGCCGAGGC GGCCGGAGCT GGTAACCAGG AGGGCGGCCA CTCCGGCCCC</p> <p>GACAGCAGCG ACGTGGTGCC TCGGCGGAG GTGGTCGGAG TCGCAGGGCC CGTGGAAGGC</p> <p>CTCGGGGAGG AGGAGGGTGA GCAGGCGGCA GGCCTGGCCG CAGTCCCCCG GGGCGGGAGC</p> <p>GCCGAGGAGG ACTCAGATAT CGGGCCCGCG ACGGAGGAAG AGGAGGAGGA AGAGGGGAAC</p>

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## Product Details

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GAGGCGGCCA ACTTCGACTT GGCGGTGGTC GCCCGTCGCT ACCCGGCGTC GGGCATTAC  
TTCGTGCTCC TGGACATGGT CCACTCCCTT CTCCACCGCC TCTCTACAA CGACCACATC  
CTCATAGAGA ACCGTCAACT CAGCCGCCTG ATGGTGGGGC CACACGCTGC TGC GCGCAAC  
CTCTGGGGCA ACCTCCCCC GCTGCTGCTG CCCCAGAGGC TGGGTGCAGG GGCCGCAGCC  
CGGGCGGGCG AGGGCCTGGG CCTGATCCAG GAGGCCGCAT CGGTCCCAGA GCCTGCAGTG  
CCAGCTGACC TGGCCGAGAT GGCCAGGGAG CCCGCGGAGG AGGCCGCAGA GGAGAAGCTC  
TCAGAGGAGG CCACAGAGGA ACCAGACGCA GAGGAACCGG CCACAGAAGA ACCGACCGCA  
CAGGAGGCCA CGGCCCCAGA GGAAGTCACT AAATCTCAGC CCGAAAAGTG GGATGAAGAG  
GCCCAAGATG CTGCAGGCCA GGAAGAGAAA GAACAAGAAA AAGAGAAGGA TGCAGAAAAC  
AAGGTGAAGA ACTCCAAAGG GACCTAG

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.

## Target Details

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Gene:	CT47A1
Alternative Name:	CT47A1 ( <a href="#">CT47A1 Products</a> )
Background:	This locus represents a member of the cancer/testis gene family 47. This family, also known as CT47, is comprised of 13 nearly identical loci clustered at Xq24. This locus is the most telomeric of the cluster.[provided by RefSeq, Sep 2010].
Gene ID:	728096
NCBI Accession:	<a href="#">NM_001080146</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format: Lyophilized

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Storage: RT/-20 °C

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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

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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)