

Datasheet for ABIN4926791

## Human NAT16 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	NAT16
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 NAT16 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1110 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAGCTGG AAGCCAGCTG TGGCACAGCC ACCTCAGAGG TCCCTAAGCC GGAAAAGAAG ACTGCCCGAG ATGCAGAGCC AAGCTCTGAA ACCCGGCCAC AGGAGGTGGA GGCCGAGCCC AGGTCGGGAT CGGGGCCTGA GGCTGAGGCC GAGCCATTGG ACTTCGTGGT GGCCACGGAA CGGGAGTTTG AGGAAGTGCT GGCCATCTCG GGGGGCATCT ACGGCGGCCT GGACTACCTT CCTAGCCGCT ACCACAGCTG GCTCCGGGAC CCCGACCGCA CGGTGGTGCT GGCCAAGCGC

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## Product Details

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AACGGAGGCG TGATCGCGCT GGAGTCGGTG AACGTGATCG ACGCCGGGGA GACGGTGCTG  
GTGGAGGGGC TGCGCGTGGC GCCCTGGGAG CGCGGGAAGG GCGTGGCCGG GCTGCTGCAG  
CGCTTCTGCT CGCAGCTGGT CAAGAGACAG CACCCGGGGG TCAAGGTGGC ACGGCTCACC  
CGGGACGACC AGCTGGGCCC CCGGGAGCTG AAGAAATACC GCCTAATCAC CAAGCAGGGC  
ATCCTTTTGG TCCGATTCAA CGCGTCCGCG CTGCTGGCCG GGCTGGGCGC GCGGCTGGCG  
GCGCTGCGGA CCTCTGGCAC CTTCTCGCCG CTGCCACCG AGGCCGTGTC CGAGGCAGGC  
GGCGACGTGG CACGCCTCCT GCTGTCACCC TCCGTGCAGC GCGACGTGCT TCCAGGCGGG  
ACCATCATCC AGGACTGGCA GCCCTACCGG CCTAGCGAAA GCAACCTGCG CCTGCTGGCG  
GCCAAGGGCC TGGAGTGGCG CGTGGACAGC CGCGCGCGCC CGCGCGTGCT CACGCTGTGC  
ACGCGCCCCT TCCCCATCCC GCACGGAGGG GACGGCACTT GGCGCTATCT CAACATCGAC  
GCCTTCGGTA GCGACGGCGC GCAGGTGCAG AGCCAGCTGC TGTGGCACCT GCAGCGCCAG  
GCCCCGCGCC TCGTTGGCCT CAACGTCATG TGCCAGCTCT TCCTGGAGCC CCAGCTGTGG  
TCACAGCTGG CTGACTTCTG CCAGGTCGGG CTGGGACTGG AGCTGGTGAA GGGTTATACT  
GAACAGTACC TGCTGGAGGC CGACATCTGA

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: 

- 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: NAT16

Alternative Name: NAT16 ([NAT16 Products](#))

Gene ID: 375607

NCBI Accession: [NM\\_198571](#)

## 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)