

Datasheet for ABIN4922459

## Human TIMM23B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	TIMM23B
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 TIMM23B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	567 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAAGGAG GCGGGGAAG CGGCGACAAA ACCACAGGGG TATTGGCCGG CTTTTTCGGA GCCGGCGAAG CAGGTTACTC GCACGCGGAT TTGGCTGGCG TCCCGCTAAC TGGTATGAAC CCTCTGTGTC CTTATTTAAA TGTGGATCCA CGATACCTCG TGCAGGATAC AGATGAGTTC ATTTTACCTA CCGGAGCTAA TAAACCTGG GGCAGATTTG AGCTGGCCTT CTTTACGATT

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## Product Details

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GGAGGGTGTT GCATGACAGG GGCTGCGTTT GGGGCAATGA ATGGTCTTCG GCTAGGATTG  
AAGGAAACCC AGAACATGGC CTGGTCCAAA CCAGGAAATG TACAGATTTT GAATATGGTG  
ACTAGGCAAG GGGCACTTTG GGCTAATACT CTAGGTTCTC TGGCGTTGCT CTATAGTGCA  
TTTGGTGTCA TCATTGAGAA AACACGAGGT GCAGAAGATG ACCTTAACAC AGTAGCAGCT  
GGAACCATGA CAGGCATGTT GTATAAATGT ACAGTGTCAG AGATGGCTTT GGATTCCCCG  
TTCTGTGTGC TGCTGTCTGG CTCCTGA

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: TIMM23B

Alternative Name: TIMM23B ([TIMM23B Products](#))

Gene ID: 100652748

NCBI Accession: [NM\\_001290117](#)

## 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)

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- 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

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)