

Datasheet for ABIN4922170

Human TMIGD2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TMIGD2
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 TMIGD2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	489 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGGGGTCCC CGGGCATGGT GCTGGGCCTC CTGGTGCAGA TCTGGGATGA CCCCACACAG</p> <p>AACAGAAACC GGATCGCAAG CTTCCCAGGA TTCCTCTTCG TGCTGCTGGG GGTGGGAAGC</p> <p>ATGGGTGTGG CTGCGATCGT GTGGGGTGCC TGGTTCTGGG GCCGCCGAG CTGCCAGCAA</p> <p>AGGGACTCAG GTAACAGCCC AGGAAATGCA TTCTACAGCA ACGTCCTATA CCGGCCCCGG</p> <p>GGGGCCCCAA AGAAGAGTGA GGACTGCTCT GGAGAGGGGA AGGACCAGAG GGGCCAGAGC</p>

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Product Details

ATTTATTCAA CCTCCTTCCC GCAACCGGCC CCCC GCCAGC CGCACCTGGC GTCAAGACCC
TGCCCCAGCC CGAGACCCTG CCCCAGCCCC AGGCCCGGCC ACCCCGTCTC TATGGTCAGG
GTCTCTCCTA GACCAAGCCC CACCCAGCAG CCGAGGCCAA AAGGGTTCCC CAAAGTGGGA
GAGGAGTGA

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

Gene: TMIGD2

Alternative Name: TMIGD2 ([TMIGD2 Products](#))

Gene ID: 126259

NCBI Accession: [NM_001308232](#)

Application Details

Restrictions: For Research Use only

Handling

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.

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Handling

- 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

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