

Datasheet for ABIN4917825

## Human TGIF2LY ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	TGIF2LY
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 TGIF2LY with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	558 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGGCCG CTGCAGACGG CCCGGCTGAG ACCCAAAGCC CGGTGGAAAA AGACAGCCCG GCGAAGACCC AAAGCCCAGC CCAAGACACC TCAATCATGT CGAGAAATAA CGCAGATACA GGCAGAGTTC TTGCCTTACC AGAGCACAAG AAGAAGCGCA AGGGAAACTT GCCAGCCGAG TCCGTTAAGA TCCTCCGCGA CTGGATGTAT AAGCATCGGT TTAAGGCCTA CCCTTCAGAA GAAGAGAAGC AAATGCTGTC AGAGAAGACC AATTTGTCTT TGTTGCGGAT TTCTAACTGG

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## Product Details

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TTTATCAATG CTCGCAGACG CATTCTCCCG GATATGCTTC AACAGCGTAG AAACGACCCC  
ATCATTGGCC ACAAACGGG CAAAGATGCC CATGCCACCC ACCTGCAGAG CACCGAGGCG  
TCTGTGCCGG CCAAGTCAGG GCCAGTGGTC CAGACAATGT ACAAAGCCTG CCCCTGTGGC  
CCTTGCCAAA GGGCCAGATG TCAAGAGAGA AGCAACCAGA TCCGGAGTCG GCCCCTAGCC  
AGAAGCTCAC CGGAATAG

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: TGIF2LY

Alternative Name: TGIF2LY ([TGIF2LY Products](#))

Background: This gene encodes a member of the TALE/TGIF homeobox family of transcription factors. This gene lies within the male specific region of chromosome Y, in a block of sequence that is thought to be the result of a large X-to-Y transposition. The C-terminus of this protein is divergent from that of its chromosome X homolog (TGIF2LX), suggesting that this protein may act as a regulator of TGIF2LX. [provided by RefSeq, Jul 2008].

Gene ID: 90655

NCBI Accession: [NM\\_139214](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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## Handling

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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)