

# Recombinant human TGIF2LY protein

Catalog Number: ATGP2555

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-185aa

### UniProt No.

Q8IUOE0

### NCBI Accession No.

NP\_631960.1

### Alternative Names

TGFB-induced factor homeobox 2-like Y-linked, TGIFLY

## PRODUCT SPECIFICATION

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### Molecular Weight

23.2 kDa (208aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

TGIF2LY is 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. Recombinant human TGIF2LY protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MEAAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN ADTGRVLALP  
EHKKKRKGNL PAESVKILRD WMYKHRFKAY PSEEEKQMLS EKTNLSLLRI SNWFINARRR ILPDMLQRRR NDPIIGHKTG  
KDAHATHLQS TEASVPAKSG PVVQTMKYKAC PCGPCQRARC QERSNQIRSR PLARSSPE

## General References

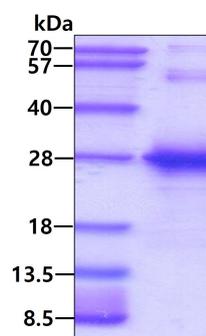
Blanco-Arias P., et al. (2002) Mamm. Genome. 13:463-468

Skaletsky H., et al. (2003) Nature. 423:825-837

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.