

Recombinant human TGIF2LY protein

Catalog Number: ATGP2555

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-185aa

UniProt No.

Q8IUE0

NCBI Accession No.

NP_631960.1

Alternative Names

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

PRODUCT SPECIFICATION

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

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 EKTNLSELLRI SNWFINARRR ILPDMLQRRR NDPIIGHKTG
KDAHATHLQS TEASVPAKSG PVVQTMKYAC PCGPCQRARC QERSNQIRSR PLARSSPE

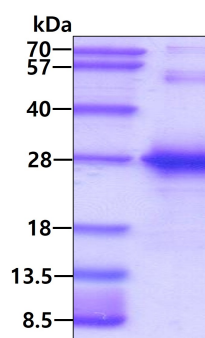
General References

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

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

DATA

SDS-PAGE



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