

AR51375PU-S

Human TGIF2LY (1-185, His-tag) - Purified

Alternate names:

Homeobox protein TGIF2LY, TGF(beta)induced transcription factor 2-like protein, TGFB-induced factor 2-like protein Y-linked, TGIF-like on the Y, TGIFLY

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q8IUE0](#)

NCBI:

[NP_631960](#)

GeneID:

[90655](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Description:

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

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMEAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN
ADTGRVLALP EHKKKRKGNL PAESVKILRD WMYKHRFKAY PSEEEKQMLS EKTNLSLLRI
SNWFINARRR ILPDMLQRR NDPIIGHKTG KDAHATHLQS TEASVPAKSG PVVQTMKYAC
PCGPCQRARC QERSNQIRSR PLARSSPE

Molecular weight: 23.2 kDa (208aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Blanco-Arias P., et al. (2002) Mamm. Genome. 13:463-468
Skaletsky H., et al. (2003) Nature. 423:825-837

Pictures:

