

Recombinant Human TGFB-induced factor homeobox 2-like, Y-linked, His-tagged

Cat. No. TGIF2LY-458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TGIF2LY, 1-185aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-185 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	23.2 kDa (208aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEAAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN ADTGRVLALP EHKKKRKGNL PAESVKILRD WMYKHRFKAY PSEEEKQMLS EKTNLSLLRI SNWFINARRR ILPDMLQQRN NDPIIGHKTG

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KDAHATHLQS TEASVPAKSG PVVQTMKAC PCGPCQRARC QERSNQIRSR
PLARSSPE

Purity >95% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [TGIF2LY](#) TGFB-induced factor homeobox 2-like, Y-linked [Homo sapiens]

Official Symbol TGIF2LY

Synonyms TGIF2LY; TGFB-induced factor homeobox 2-like, Y-linked; TGFB induced factor 2 like, Y linked; homeobox protein TGIF2LY; TGIF-like on the Y; TGFB-induced factor 2-like, Y-linked; TGFB-induced factor 2-like protein, Y-linked; TGF-beta-induced transcription factor 2-like protein; TGIFLY;

Gene ID [90655](#)

mRNA Refseq [NM_139214](#)

Protein Refseq [NP_631960](#)

MIM [400025](#)

UniProt ID [Q8IUE0](#)

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Chromosome Location	Yp11.2
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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