Recombinant Human TGIF2LY, His-tagged

Cat. No. TGIF2LY-5059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGIF2LY protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
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 ILPDMLQQRR NDPIIGHKTG KDAHATHLQS TEASVPAKSG PVVQTMYKAC PCGPCQRARC QERSNQIRSR PLARSSPE
Purity	>95% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. 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
Chromosome Location	Yp11.2

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Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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