

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

Cat. No. TGIF2LX-506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TGIF2LX, 1-241aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-241 a.a.
Description	TGIF2LX is a member of the TALE/TGIF homeobox family of transcription factors. Testis-specific expression suggests that this gene may play a role in spermatogenesis. A homolog of 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. Recombinant human TGIF2LX 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 0.2M NaCl, 50% glycerol, 1mM DTT
Molecular Mass	29.1kDa (264aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEAAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN ADTGRVLALP EHKKKRKGNL PAESVKILRD WMYKHRFKAY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PSEEEKQMLS EKTNLSLLQI SNWFINARRR ILPDMLQQRN NDPIIGHKTG
 KDAHATHLQS TEASVPAKSG PSGPDNVQSL PLWPLPKGQM SREKQPDPE
 APSQKLTGIA QPKKKVKVSV TSPSSPELVS PEEHADFFSF LLLVDAAVQR
 AAEELEKKQ EPNP

Purity	>85% 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	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	TGIF2LX TGFB-induced factor homeobox 2-like, X-linked [Homo sapiens]
Official Symbol	TGIF2LX
Synonyms	TGIF2LX; TGFB-induced factor homeobox 2-like, X-linked; TGFB induced factor 2 like, X linked; homeobox protein TGIF2LX; TGIF-like on the X; TGFB-induced factor 2-like, X-linked; TGFB-induced factor 2-like protein, X-linked; TGF-beta-induced transcription factor 2-like protein; TGIFLX; MGC34726;
Gene ID	90316
mRNA Refseq	NM_138960
Protein Refseq	NP_620410
MIM	300411

UniProt ID	Q8IUE1
Chromosome Location	Xq21.31
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA