

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

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PSEEEKQMLS EKTNLSLLQI SNWFINARRR ILPDMLQQRN NDPIIGHKTG
 KDAHATHLQS TEASVPAKSG PSGPDNVQSL PLWPLPKGQM SREKQPDPE
 APSQKLTGIA QPKKKVKVSV TSPSSPELVS PEEHADFFSS 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](#)

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

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