

Recombinant Human TGIF2LX, His-tagged

Cat. No. TGIF2LX-5107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGIF2LX 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	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.
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 PSEEEKQMLS EKTNLSLLQI SNWFINARRR ILPDMLQQRR NDPIIGHKTG KDAHATHLQS TEASVPAKSG PSGPDNVQSL PLWPLPKGQM SREKQPDPE APSQKLTGIA QPKKKVKVSV TSPSSPELVS PEEHADFFSS LLLVDAAVQR AAELELEKKQ EPNP

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Purity	>85% by SDS - PAGE
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	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

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

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