
Product Data Sheet

Product Name: TGIF2LX Human
 Cat. No.: GP24816
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Homeobox protein TGIF2LX; TGF-beta-induced transcription factor 2-like protein; TGFB-induced factor 2-like protein; X-linked; TGIF-like on the X; TGIF2LX; TGIFLX; TGFB-Induced Factor Homeobox 2-Like; X-Linked.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEAAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN ADTGRVLALP EHKKKRKGNL PAESVKILRD WMYKHRFKAY PSEEEKQMLS EKTNLSLLQI SNWFINARRR ILPDMLQRR NDPIIGHKTG KDAHATHLQS TEASVPAKSG PSGPDNVQSL PLWPLPKGQM SREKQDPDES APSQKLTGIA QPKKKVKVSV TSPSSPELVS PEEHADFFSS LLLVDAAVQR AAELELEKKQ EPNP.		
Formulation	The TGIF2LX solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 1mM DTT.		

Introduction

TGFB-Induced Factor Homeobox 2-Like, X-Linked (TGIF2LX) belongs to the TALE/TGIF homeobox family of transcription factors and takes part in spermatogenesis. A homolog of TGIF2LX is located in the male specific region of chromosome Y, in a block of sequence which is the outcome of a large X-to-Y transposition.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TGIF2LX Human Recombinant produced in E. coli is a single polypeptide chain containing 264 amino acids (1-241) and having a molecular mass of 29.1kDa. TGIF2LX is

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fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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