

## 32-5069: Recombinant Human TGFB-Induced Factor Homeobox 2-Like, Y-Linked

**Alternative Name :** TGIFLY, Homeobox protein TGIF2LY, TGF-beta-induced transcription factor 2-like protein, TGFB-induced factor 2-like protein, Y-linked, TGIF-like on the Y, TGIF2LY.

### Description

Source : Escherichia Coli. TGIF2LY Human Recombinant produced in E. coli is a single polypeptide chain containing 208 amino acids (1-185) and having a molecular mass of 23.2kDa. TGIF2LY is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TGFB-Induced Factor Homeobox 2-Like Y-Linked (TGIF2LY) is a part of the TALE/TGIF homeobox family of transcription factors. TGIF2LY 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. TGIF2LY act as a regulator of TGIF2LX due to the fact that the C-terminus of TGIF2LY is different from that of its chromosome X homolog (TGIF2LX). TGIF2LY has also a transcription role in testis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** The TGIF2LY solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMEAAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN  
ADTGRVLALP EHKKKRKGNL PAESVKILRD WMYKHRFKAY PSEEEKQMLS EKTNLSLLRI SNWFINARRR  
ILPDMLQQRN NDPIIGHKTG KDAHATHLQS TEASVPAKSG PVVQTMKAC PCGPCQRARC QERSNQIRSR  
PLARSSPE.

