

TGIF2LX, 1-241aa Human, His tag, E.coli

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3th Edition

Synonyms:homeobox protein TGIF2LX, TGIFLX

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 Weight:29.1kDa (264aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMEEAADGPAETQSPVEKDSPAQTQSPAQDTSIMSRNNADTGRVLALPEHKK
KRKGNLPAESVKILRDWYKHRFKAYPSEEEKQMLSEKTNLSLLQISNWFNARRRILPDMLQQRNDPIIGHKTGK
DAHATHLQSTEASVPAKSGPSGPDNVQSLPLWPLPKGQMSREKQPDPEAPSQKLTGIAQPKKKVKVSVTSPSSP
ELVSPEEHADFSSFLLLVDAAVQRAAELELEKKQEPNP

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.