

Recombinant human TGIF2LX protein

Catalog Number: ATGP2603

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-241aa

UniProt No.

Q8IUE1

NCBI Accession No.

NP_620410

Alternative Names

homeobox protein TGIF2LX, TGIFLX

PRODUCT SPECIFICATION

Molecular Weight

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

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MEAAADG PAETQSPVEK DSPAKTQSPA QDTSIMSRNN ADTGRVLALP
EHKKKRKGNL PAESVKILRD WMYKHRFKAY PSEEEKQMLS EKTNLSLLQI SNWFINARRR ILPDMLQRR NDPIIGHKTG
KDAHATHLQS TEASVPAKSG PSGPDNVQSL PLWPLPKGQM SREKQDPES APSQKLTGIA QPKKKVKVSV TSPSSPELVS
PEEHADFSSF LLLVDAAVQR AAELELEKKQ EPNP

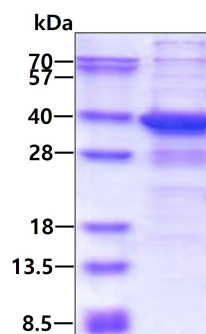
General References

Ousati Ashtiani,Z., et al. (2009) Med. Oncol. 26 (1), 73-77

Aarabi,M., et al. (2008) Mol. Reprod. Dev. 75 (12), 1761-1766

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.