Bioworld Technology CO., Ltd.

TEF (K224) Peptide

Cat No.: BS2041P

Background

TEF (thyrotrophic embryonic factor), also known as KIAA1655, is a 303 amino acid nuclear transcription factor that belongs to the bZIP (basic region/leucine zipper) family and PAR (proline and acidic amino acid-rich) subfamily. TEF binds DNA as either a homodimer or heterodimer, and is known to transactivate the TSHβ promoter. While broadly expressed in adults, TEF is only found in developing embryonic anterior pituitary gland. TEF accumulates according to a robust circadian rhythm and has also been found to inhibit cell growth by down-regulating β chain expression of cytokine receptors. The functional domains of TEF are highly homologous with other members of the PAR-bZIP subfamily, including albumin D box-binding protein (DABP), human hepatic leukemia factor (HLF) and chicken vitellogenin gene-binding protein (VBP). The gene encoding TEF maps to human chromosome 22q13.2.

Swiss-Prot

Q10587

Applications

Blocking

Specificity

This peptide can be used with studies using BS2041 TEF (K224) pAb.

Purification & Purity

Synthetic peptide TEF (K224). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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