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TEF, 1-303aa, Human, His tag, E.coli

产品货号: TP04179

第三版

**别名:**Thyrotroph embryonic factor isoform 1, KIAA1655, Thyrotroph embryonic factor

**描述:**Thyrotroph embryonic factor isoform 1, also known as TEF, 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 TSH beta promoter. TEF accumulates according to a robust circadian rhythm and has also been found to inhibit cell growth by down-regulating beta chain expression of cytokine receptors. Recombinant human TEF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

**分子量:**35.6kDa (326aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMDSAGGGKPPVDPQAGPGPGGRAAGERGLSGSFPLVLKCLMENPPREARLDKE  
KGKEKLEEEDEAAASTMAVSASLMPPIWDKTIPIYDGESFHLEYMDLDEFLENGIPASPTHLAHNLLLPVAELEGKESASSST  
ASPPSSSTAIFQPSETVSSSTESSLEKERETPSIDPNCVEVDVNFNPDADLVSSVPGGELFNPRKHKFAEEDLKPQPMIKKAK  
KVFVPDEQKDEKYWTRRKKNNVAAKRSRDARRLKENQITIRAAFLEKENTALRTEVAELRKEVGKCKTIVSKYETKYGPL

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.