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TFAM, 43-246aa, Human, His tag, E.coli

产品货号: TP04181

第三版

别名: Transcription factor A, mitochondrial precursor, MtTF1, mtTFA, TCF6, TCF6L1, TCF6L2, TCF6L3

**描述:** TFAM, also known as MtTF1 or mtTFA, is a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. TFAM is located primarily in the nuclei of elongated spermatids and may be involved in the regulation of gene expression of the haploid male genome. TFAM has been associated with mitochondrial disorder in humans characterized by ocular myopathy, exercise intolerance and muscle wasting. Recombinant human TFAM protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

**分子量:** 26.6 kDa (225aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMSSVLASCPKPVSSYLRFSEQLPIFKAQNPDAKTTELIRRIAQRWRELPDSKKKIYQDAY  
RAEWQVYKEEISRFKEQLTPSQIMSLEKEIMDKHLKRKAMTKKKELTLLGKPKRPRSAYNVYVAERFQEAKGDSPQEKLKT  
VKENWKNLSDSEKELYIQHAKEDTRYHNEMKSWEEQMIEVGRKDLLRRTIKKQRKYGAEEC

**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.