# abcam

# Product datasheet

# Recombinant Human mtTFA protein ab103784

### 1 图像

描述

产品名称 重组人mtTFA蛋白

纯度 > 85 % SDS-PAGE.

ab103784 was purified by using anion-exchange chromatography (DEAE sepharose resin) and

gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.

表达系统 Escherichia coli

Accession Q00059

**蛋白长度** Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHHSSGLVPRGSHMSSVLASCPKKPVSSYLRFS

**KEQLPIFKAQ** 

NPDAKTTELIRRIAQRWRELPDSKKKIYQDAYRAEWQVYKEE

**ISRFKEQI** 

TPSQIMSLEKEIMDKHLKRKAMTKKKELTLLGKPKRPRSAYN

VYVAERFQ

EAKGDSPQEKLKTVKENWKNLSDSEKELYIQHAKEDETRYHN

EMKSWEEQ MIEVGRKDLLRRTIKKQRKYGAEEC

预**测分子量** 27 kDa including tags

**氨基酸** 43 to 246

标签 His tag N-Terminus

技术指标

Our Abpromise guarantee covers the use of ab103784 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

Mass Spectrometry

质**谱法** MALDI-TOF

形式 Liquid

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#### 制备和贮存

#### 稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 1.16% Sodium chloride, 20% Glycerol (glycerin, glycerine), 0.316% Tris HCI,

0.077% DTT

#### 常规信息

#### 功能

Binds to the mitochondrial light strand promoter and functions in mitochondrial transcription regulation. Required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase. Promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. Is able to unwind and bend DNA. Required for maintenance of normal levels of mitochondrial DNA. May play a role in organizing and compacting mitochondrial DNA. target DNA. Interacts with TFB1M and TFB2M.

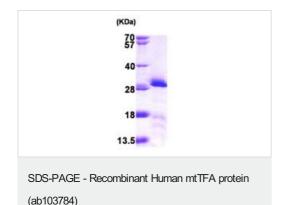
#### 序列相似性

Contains 2 HMG box DNA-binding domains.

#### 细胞定位

Mitochondrion.

#### 图片



15% SDS-PAGE analysis of 3µg ab103784.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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