

Datasheet for ABIN1653851  
**TFA1 Protein (AA 1-434) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TFA1
Protein Characteristics:	AA 1-434
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFA1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MSNAPEIVQR LIKMIMRAFY ETRHIIFMDA ILRHSALTDE QTALLMGIPI KECRFIAGKL</p> <p>REDRLAIQS RTEMKEGQQR QYHTTYFYID FCSTIDSIKW RMHQLVKTVE DRMRNDFDSK</p> <p>GYVCPFCNKK FSSLDVLSLV TNEGTFACNV CGTELKDDEE SAEMMSSQKR LGKLMGQVNG</p> <p>IIDALKRVDE IVPQNNFQS ALEHAVPVSL DTQNLSSQNL SKSNSDVRLS TSSPSITVDF</p> <p>SADKETDEKR ERNCDKQVKA AQNILPEWHA TSTISGSITR AGAKDAALHS FRTETVNEVQ</p> <p>DTKTDITSEK SALDAYYATL RAKQKEESEF MDSENVDDDEE DDDFLDVTTA TSLQNKSTDY</p> <p>GSVKRK TENL NSDSDIQNK R TKSIEENNSL PPIVSTNGIT DGDTEMQESK KNVIINGFNE</p> <p>DDEDEDEAD FEDV</p>
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: TFA1

Alternative Name: Transcription initiation factor IIE subunit alpha (tfa1) ([TFA1 Products](#))

Background: Recommended name: Transcription initiation factor IIE subunit alpha.  
Short name= TFIIE-alpha

UniProt: [Q9P3W1](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.