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Datasheet for ABIN1511428  
**TEF1 Protein (AA 1-449) (His tag)**

### Overview

Quantity:	1 mg
Target:	TEF1
Protein Characteristics:	AA 1-449
Origin:	Trypanosoma brucei
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEF1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MGKEKVHML VVVGHV DAGK STATGH LIYK CGGIDK RTIE KFEKEA ADIG KASF KYAWVL DKLKA ERERG ITIDIALWKF ESPKSVFTII DAPGHRDFIK NMITGTSQAD AAILIASAQ GEFEAGISKD GQTRHALLA FTLGVKQMVV CCNKMD DKTV NYGQERYDEI VKEVSAYIKK VGYNVEKVRF VPISGWQGDN MIEKSEKMPW YKGPTLLEAL DMLEPPVRPS DKPLRLPLQT CTKIGGIGTV PVGRVETGVM KPGDVVTFAP ANVTTEVKSI EMHHEQLAEA TPGDNVGFNV KNVSVKDIRR GNVCGNTKND PPKEAADFTA QVIILNHPGQ IGNGYAPVLD CHTSHIACKF AEIESKIDRR SGKELEKAPK SIKSGDAAIV RMVPQKPMCV EVFNDYAPLG RFAVRDMRQT VAVGIIKAVT KKDGS GGKVT KAAVKASKK
Specificity:	Trypanosoma brucei brucei
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: TEF1

Alternative Name: Elongation factor 1-alpha (TEF1) ([TEF1 Products](#))

Background: Recommended name: Elongation factor 1-alpha.  
Short name= EF-1-alpha

UniProt: [P86933](#)

## 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.