



[Go to Product page](#)

Datasheet for ABIN1671558

**Mitochondrial Translation Elongation Factor EF-Ts Tsf1 (TSF1)  
(AA 43-310) protein (His tag)**

Overview

Quantity:	1 mg
Target:	Mitochondrial Translation Elongation Factor EF-Ts Tsf1 (TSF1)
Protein Characteristics:	AA 43-310
Origin:	Schizosaccharomyces japonicus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	STKGSAFT LIKKLRQETN APIFLIKEAV EETNGQSFFE AKSVLSEKMK ARGQRLAQQ QGRVAKQGW I CTAILPDAQA ACMLELNCES DFVAQNPKIQ RLALSSASSI LHSLNRVNAD STEQRNVSTD LDSLKKIILH SDKDSSSNLG NTLFDAFSNA TSTTGERIEL SRAIVFQRTK PQHQLGRYTH GTDVRVHSSL GRVGCLVSL S NAQKAGLADD IAREFVAQDP ESIDDFLHNT SVYDNSKTMK DLLGSANVVD WVRW ERGQAQ
Specificity:	Schizosaccharomyces japonicus (strain yFS275 / FY16936) (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.
Purity:	> 90 %

## Target Details

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Target: Mitochondrial Translation Elongation Factor EF-Ts Tsf1 (TSF1)

Alternative Name: Elongation factor Ts, mitochondrial (tsf1) ([TSF1 Products](#))

UniProt: [B6K2P1](#)

## 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 modified 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.