Datasheet for ABIN7587375

TEF1 Protein (AA 1-458) (His tag)

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Overview

Quantity:	100 µg
Target:	TEF1
Protein Characteristics:	AA 1-458
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TEF1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGKEKSHINV VVIGHVDSGK STTTGHLIYK CGGIDKRTIE KFEKEAAELG KGSFKYAWVL DKLKAERERG ITIDIALWKF ETPKYQVTVI DAPGHRDFIK NMITGTSQAD CAILIIAGGV GEFEAGISKD GQTREHALLA FTLGVRQLIV AVNKMDSVKW DESRFQEIVK ETSNFIKKVG YNPKTVPFVP ISGWNGDNMI EATTNAPWYK GWEKETKAGV VKGKTLLEAI DAIEQPSRPT DKPLRLPLQD VYKIGGIGTV PVGRVETGVI KPGMVVTFAP AGVTTEVKSV EMHHEQLEQG VPGDNVGFNV KNVSVKEIRR GNVCGDAKND PPKGCASFNA TVIVLNHPGQ ISAGYSPVLD CHTAHIACRF DELLEKNDRR SGKKLEDHPK FLKSGDAALV KFVPSKPMCV EAFSEYPPLG RFAVRDMRQT VAVGVIKSVD KTEKAAKVTK AAQKAAKK
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	TEF1
Alternative Name:	Elongation factor 1-alpha (TEF1) (TEF1 Products)
Background:	Recommended name: Elongation factor 1-alpha. Short name= EF-1-alpha. Alternative name(s): Eukaryotic elongation factor 1A. Short name= eEF1A Translation elongation factor 1A
UniProt:	P02994

Application Details

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 modificated 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

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

Handling

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