Datasheet for ABIN1667239

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

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Overview

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

Product Details

Sequence:	MGKEKTHVNV VVIGHVDSGK STTTGHLIYK CGGIDKRTIE EFEKEAAELG KGSFKYAWVL DKLKAERERG ITIDIALWKF ETPKYNVTVI DAPGHRDFIK NMITGTSQAD CAILIIAGGT GEFEAGISKD GQTREHALLA FTLGFRQLIV AINKMDTTKW SQDRYNEIVK EVSGFIKKIG FNPKSVPFVP ISGWHGDNML DESTNMPWFK GWNKETKAGS KTGKTLLEAI DAIEPPVRPS DKPLRLPLQD VYKIGGIGTV PVGRVETGTI KAGMVVNFAP AAVTTEVKSV EMHHETLTEG LPGDNVGFNV KNVSVKDIRR GNVCSDSKND PAKESASFTA QVIILNHPGQ ISAGYAPVLD CHTAHIACKF SELIEKIDRR SGKKMEDSPK FVKSGDSAIV KMVPSKPMCV EAYTDYPPLG RFAVRDMRQT VAVGVIKAVE KVDKAGKVTK AAAKASKK
Specificity:	Mucor circinelloides f. lusitanicus (Mucor racemosus var. lusitanicus)
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.

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Product Details

Purity:	> 90 %

Target Details

Target:	TEF1
Alternative Name:	Elongation factor 1-alpha (TEF-1) (TEF1 Products)
Background:	Recommended name: Elongation factor 1-alpha. Short name= EF-1-alpha
UniProt:	P06805

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