Datasheet for ABIN1477532

ETF1 Protein (AA 1-437) (His tag)

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Overview

Quantity:	1 mg
Target:	ETF1
Protein Characteristics:	AA 1-437
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ETF1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADDPSAADR NVEIWKIKKL IKSLEAARGN GTSMISLIIP PKDQISRVAK MLADEFGTAS NIKSRVNRLS VLGAITSVQQ RLKLYNKVPP NGLVVYCGTI VTEEGKEKKV NIDFEPFKPI NTSLYLCDNK FHTEALTALL SDDSKFGFIV IDGSGALFGT LQGNTREVLH KFTVDLPKKH GRGGQSALRF ARLRMEKRHN YVRKVAETAV QLFISGDKVN VAGLVLAGSA DFKTELSQSD MFDQRLQSKV LKLVDISYGG ENGFNQAIEL STEVLSNVKF IQEKKLIGRY FDEISQDTGK YCFGVEDTLK ALEMGAVEIL IVYENLDTMR YVLRCNGSEE EKTLYLTPEQ EKDKSHFIDK ETGQEHELIE SMPLLEWFAN SYKKFGATLE IVTDKSQEGS QFVKGFGGIG GILRYRVDFQ GMDYQGVDDE FFDLDDY
Specificity:	Xenopus laevis (African clawed frog)
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:	ETF1
Alternative Name:	Eukaryotic peptide chain release factor subunit 1 (etf1) (ETF1 Products)
Background:	Recommended name: Eukaryotic peptide chain release factor subunit 1. Short name= Eukaryotic release factor 1. Short name= eRF1. Alternative name(s): Omnipotent suppressor protein 1 homolog. Short name= SUP1 homolog
UniProt:	P35615

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.