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Datasheet for ABIN1645722
ETF1 Protein (AA 1-445) (His tag)

Overview

Quantity:	1 mg
Target:	ETF1
Protein Characteristics:	AA 1-445
Origin:	Oxytricha
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ETF1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVESIAAGQV SDNKHIEMWK VKKLISKLEH CKGNGTSMVS LIIPKDDIN KYGKLLTGEM SAAQNIKSRI TKQSVVTAIT STKEKLLKLYK QTPTNGLCLY CGVIYMEDGK TEKKINDFE PFRPNIQFLY FCGGKFQTEP LLSLLADDDK FGFIIVDGNG ALYATLQGNS REILQKITVE LPKKHRKGGQ SSVRFARLRE EKRHNYLRKV AELANQNFIT NDRPNVTGIV LAGNAAFKNE LAETDMLDKR LLPVICAVVD VSYGGENGLN EAITLAAEAL TNVKFVAEKK LVSKFFEEIA LDTGMIVFGV DDTMKALELG AVETVLLFEE LDINRYVLKN PVKGDTKTIY LNSTQQKDSK YFKDRETGMD LDVSEDSLA EWLCHNYQNY GAQVEFITDK SQEGFQFVKG FGGIGGFLRY KVDIEDHHGD LGAGGDDFDP DTDFI
Specificity:	Oxytricha trifallax (Sterkiella histriomuscorum)
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

Purity: > 90 %

Target Details

Target: ETF1

Alternative Name: Eukaryotic peptide chain release factor subunit 1 (ERF1) ([ETF1 Products](#))

Background: Recommended name: Eukaryotic peptide chain release factor subunit 1.
Short name= Eukaryotic release factor 1.
Short name= eRF1

UniProt: [Q9BMX3](#)

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 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

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.