Datasheet for ABIN1662446

Enolase Protein (AA 1-436) (His tag)

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Overview

Quantity:	1 mg
Target:	Enolase
Protein Characteristics:	AA 1-436
Origin:	Fungus (Neocallimastix frontalis)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Enolase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAITKVHARQ IFDSRGNPTV EVEVTTDKGL FRAAVPSGAS TGVHEALELR DGIKADYVGK GVLKAVENVN KTIAPALVAA NLDVKNQKAV DDFLLKLDGT PNKSKLGANA ILGVSLAVAR AGAADKGVPL YQHLGELAGN KGPWILPVPS MNVLNGGSHA GNKLAMQEFM ILPTGAKSFT EALKMGSEVY HALKSVIKAK YGQDACNVGD EGGFAPNIQD NKEGLELLNE AIAKAGYTGK VKIGMDVASS EFYKDGKYDL DFKNPNSDPS KWISGEELGQ FYKEITSEYP IVSIEDPYDQ DDFESWSKFR ADMQDKIQIV GDDLTVTNPK RIAMAIEKKA CNGLLLKVNQ IGTVSESIQA ALDAFNDGWG VMVSHRSGET EDTFIADLVV GLKSGQIKTG APCRSERLAK YNQLLRIEEE LGANATYAGE NFRRPF
Specificity:	Neocallimastix frontalis (Rumen fungus)
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:	Enolase
Abstract:	Enolase Products
Background:	Recommended name: Enolase. EC= 4.2.1.11. Alternative name(s): 2-phospho-D-glycerate hydro-lyase 2-phosphoglycerate dehydratase
UniProt:	P42894

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.