Datasheet for ABIN1653989

XYLB Protein (AA 1-481) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	XYLB
Protein Characteristics:	AA 1-481
Origin:	Streptomyces coelicolor
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This XYLB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSAAEGPLVV GVDTSTQSTK ALVVDAATGR VVASGQAPHT VSSGTGRESD PRQWWDALGE ALSQCGEAAR EAAAVSVGGQ QHGLVTLDAR GEPVRPALLW NDVRSAPQAR RLIDELGGAK AWAERTGSVP SASFTVTKWA WLTEHEPEAA RAVKAVRLPH DYLTERLTGE GTTDRGDVSG TGWWASGTEA YDEEILARVA LDPALLPRVV RPGEVAGTVR DGHGLPFSKG TLVAAGTGDN AAAALGLGLR PGVPVMSLGT SGTAYAVSQR RPADPTGTVA GFADARGDWL PLACTLNCTL AVDRVASLLG LDREAVEPGT DVTLLPFLDG ERTPNLPHSS GLLHGLRHDT TAGQLLQAAY DGAVHSLLGA LDLVLDADAD PSAPLLLIGG GARGTAWQQT VRRLSGRPVQ IPEARELVAL GAAAQAAGLL TGEDAAAVAR RWNTAAGPVL DAVERDEATL NRITGVLSDA APLLERDAAS R
Specificity:	Streptomyces coelicolor (strain ATCC BAA-471 / A3(2) / M145)
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:	XYLB
Alternative Name:	Xylulose kinase (xylB) (XYLB Products)
Background:	Recommended name: Xylulose kinase. Short name= Xylulokinase. EC= 2.7.1.17
UniProt:	Q9RK00

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.