Datasheet for ABIN1678413

PDXK Protein (AA 1-283) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	PDXK
Protein Characteristics:	AA 1-283
Origin:	Shigella flexneri
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDXK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSLLLFNDK SRALQADIVA VQSQVVYGSV GNSIAVPAIK QNGLNVFAVP TVLLSNTPHY DTFYGGAIPD EWFSGYLRAF QERDALRQLR AVTTGYMGTA SQIKILAEWL TALRKDHPDL LIMVDPVIGD IDSGIYVKPD LPEAYRQYLL PLAQGITPNI FELEILTGKN CRDLDSAIAA AKSLLSDTLK WVVITSASGN EENQEMQVVV VSADSVNVIS HSRVKTDLKG TGDLFCAQLI SGLLKGKALN DAVHRAGLRV LEVMRYTQQH ESDELILPPL AEA
Specificity:	Shigella flexneri
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.
Purity:	> 90 %

Target Details

Target:	PDXK
Alternative Name:	Pyridoxine kinase (pdxK) (PDXK Products)
Background:	Recommended name: Pyridoxine kinase. EC= 2.7.1.35. Alternative name(s): PN/PL/PM kinase Pyridoxal kinase Pyridoxamine kinase Vitamin B6 kinase
UniProt:	Q83K78

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.