Datasheet for ABIN7588002

PIP5KL1 Protein (AA 1-396) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	PIP5KL1
Protein Characteristics:	AA 1-396
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP5KL1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAAPSPGPRE ILAPSPEAGR RAAASSSGHR GLLWRLRDKQ CRLGLFEIGP GHELHQVMCL MQAGLWAATQ VSMDHPPTGL PTEEDFSEVL TQVHEGFELG TLAGPVFARL RRSLGLAEED YQAALGPSRP YLQFLSTSKS KASFFLSHDQ RFFLKTLRSR EVQALLAHLP RYVHHLQRHP HSLLARVLGV HSLRVARGKK KYFIVMQSVF YPAGRISERY DIKGCEVSRW VEPAPEGSVL VLVLKDLNFQ GKTINLGPQR SWFLRQMELD TAFLRELNVL DYSLLMAFQR LHEDERGPGS SLIFRTARSI RGAQSAEESG AQNRRLLPDA PNALHIVDGP EHRYFLGLVD LTTVYGLRKR LEQLWKTLRY PGRTFSTVSP ACYARRLCQW VEAHTE
Specificity:	Bos taurus (Bovine)
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:	PIP5KL1
Alternative Name:	Phosphatidylinositol 4-phosphate 5-kinase-like protein 1 (PIP5KL1) (PIP5KL1 Products)
Background:	Recommended name: Phosphatidylinositol 4-phosphate 5-kinase-like protein 1. Short name= PI(4)P 5-kinase-like protein 1. Short name= PtdIns(4)P-5-kinase-like protein 1. EC= 2.7.1.68
UniProt:	Q17QS4
Pathways:	Inositol Metabolic Process

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.