Datasheet for ABIN7584856

IP6K1 Protein (AA 1-433) (His tag)

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Overview

Quantity:	100 µg
Target:	IP6K1
Protein Characteristics:	AA 1-433
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IP6K1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MCVCQTMEVG QYGKNASRAG DRGVLLEPFI HQVGGHSSMM RYDDHTVCKP LISREQRFYE SLPPEMKEFT PEYKGVVSVC FEGDSDGYIN LVAYPYVESE TVEQDDTPER EQPRRKHSRR SLHRSGSGSD HKEEKASLSF ETSESSQETK SPKVELHSHS DVPFQMLDSN SGLSSEKISY NPWSLRCHKQ QLSRMRSESK DRKLYKFLLL ENVVHHFKYP CVLDLKMGTR QHGDDASAEK AARQMRKCEQ STSASLGVRV CGMQVYQLDT GHYLCRNKYY GRGLSIEGFR NALYQYLHNG LDLRRDLFEP ILSKLRGLKA VLERQASYRF YSSSLLVIYD GKECRSELRL KHVDMGLPEV PPLCGPSTSP SNTSLEAGPS SPPKVDVRMI DFAHSTFKGF RDDPTVHDGP DRGYVFGLEN LISIMEQMRD ENQ
Specificity:	Rattus norvegicus (Rat)
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:	IP6K1
Abstract:	IP6K1 Products
Background:	Recommended name: Inositol hexakisphosphate kinase 1. Short name= InsP6 kinase 1. EC= 2.7.4.21. Alternative name(s): Inositol hexaphosphate kinase 1
UniProt:	Q9ESM0

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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.