Datasheet for ABIN1460012

GGPS1 Protein (AA 1-300) (His tag)

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Overview

Quantity:	1 mg
Target:	GGPS1
Protein Characteristics:	AA 1-300
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GGPS1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEKTQETVQR ILLEPYKYLL QLPGKQVRTK LSQAFNHWLK VPEDKLQIII EVTEMLHNAS LLIDDIEDNS KLRRGFPVAH SIYGIPSVIN SANYVYFLGL EKVLTLNHPD AVKLFTRQLL ELHQGQGLDI YWRDNYTCPT EEEYKAMVLQ KTGGLFGLAV GLMQLFSDYK EDLKPLLDTL GLFFQIRDDY ANLHSKEYSE NKSFCEDLTE GKFSFPTIHA IWSRPESTQV QNILRQRTEN IDIKKYCVHY LENVGSFEYT RNTLKELESK AYKQIDARGG NPELVALIKH LSKMFKEENE
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:	GGPS1
Alternative Name:	Geranylgeranyl pyrophosphate synthase (GGPS1) (GGPS1 Products)
Background:	Recommended name: Geranylgeranyl pyrophosphate synthase. Short name= GGPP synthase. Short name= GGPPSase. EC= 2.5.1.-. Alternative name(s): (2E,6E)-farnesyl diphosphate synthase Dimethylallyltranstransferase. EC= 2.5.1.1 Farnesyl diphosphate synthase Farnesyltranstransferase. EC= 2.5.1.29 Geranylgeranyl diphosphate synthase Geranyltranstransferase. EC= 2.5.1.10
UniProt:	P56966

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.

