Datasheet for ABIN1611743

ISPD Protein (AA 1-231) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	ISPD
Protein Characteristics:	AA 1-231
Origin:	Xylella fastidiosa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ISPD protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSVGVWAVIP AAGRGVRFGS PVPKQYLPVV GRPLIVYTLE ALAAHPAVCG LMVVVTEGDL AWSGWTEVAG KPLLTCSGGV TRAASVLSGL LALPQVVHAD DFVLVHDAAR PNVALSDLER LLEAGCAHPV GAILAVPVRD TLKRAGSDGS IDGTEPRERL WRAFTPQLFR RSQLVRGLQV AAADGIEMTD EAMVMERQGL RPLLVECAES NFKITTPDDL VRFEFELARR V
Specificity:	Xylella fastidiosa (strain M12)
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:	ISPD

Target Details

Abstract:	ISPD Products
Background:	Recommended name: 2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase. EC= 2.7.7.60. Alternative name(s): 4-diphosphocytidyl-2C-methyl-D-erythritol synthase MEP cytidylyltransferase. Short name= MCT
UniProt:	B0U660

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.