Datasheet for ABIN1669906

1-Deoxy-D-Xylulose 5-Phosphate Reductoisomerase (DXR) (AA 1-383) protein (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	1-Deoxy-D-Xylulose 5-Phosphate Reductoisomerase (DXR)
Protein Characteristics:	AA 1-383
Origin:	Bacillus amyloliquefaciens
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MKNICLLGAT GSIGEQTLDV LRMHQDQFRL VSMTFGKNAE KAIPLIRTFQ PKYIAVGDMD TYQKVKEASF SHECQIGIGE EGLIEAAVMD EVDIVVNALL GSVGLIPTLK AIEQKKTIAL ANKETLVTAG HIVKGHAKRY GVPLLPVDSE HSAIFQALQG EQCKNIERLV ITASGGSFRD KTRQELESVT IADALNHPNW SMGAKITIDS ATMMNKGLEV IEAHWLFDIP YEQIDVVLHK ESIIHSMVEF HDRSVIAQLG NPDMRVPIQY ALTYPDRLPL PETKRLELWE IGSLHFAKAD FERFRCLQFA FESGKIGGTM PTVLNAANEE AVAAFLAGRI SFLSIEDLIE QALDRHSVIQ DPSLADIQEV DKDTRGYVNS ILT
Specificity:	Bacillus amyloliquefaciens (strain FZB42)
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 %

 Copyright antibodies-online. All rights reserved.

Target Details

Target:	1-Deoxy-D-Xylulose 5-Phosphate Reductoisomerase (DXR)
Abstract:	DXR Products
Background:	Recommended name: 1-deoxy-D-xylulose 5-phosphate reductoisomerase. Short name= DXP reductoisomerase. EC= 1.1.1.267. Alternative name(s): 1-deoxyxylulose-5-phosphate reductoisomerase 2-C-methyl-D-erythritol 4-phosphate synthase
UniProt:	A7Z4S6
Pathways:	Cellular Glucan 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.

Copyright antibodies-online. All rights reserved.