

Datasheet for ABIN1677044
DXR2 Protein (AA 1-380) (His tag)



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Overview

Quantity:	1 mg
Target:	DXR2
Protein Characteristics:	AA 1-380
Origin:	Bacillus cereus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DXR2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKNISLLGAS GSIGTQTLDV LRSHPDQFRL VAFSVGKNID YAVKVIQEFSPQIVSVQREE DVLKLQSVSG NTKIVYGSEG LLEVALHPDA EIVVNAVVGS VGLLPTLRAI EAKKTIGIAN KETLVTAGHL VMEAARKHNV SLLPVDSEHS AIFQCLNGEN EKRIISRLIIT ASGGSFDRDKT RDELHHVTVE DALRHPNWSM GSKITIDSAT MMNKGLEVIE AHWLFGIPYE QIDVVLHKES IIHSMVEFED RSVMAQLGSP DMRVPIQYAL TYPDRLPLSD TKQLNLWEIG TLHF EKMDQE RFRCLRFAYE AGKAGGSMVA VMNAANEVAV EAF LQKRIGF LTVEDLIEKA MNHHNVIARP SLEEILEIDA ATRRFVMEQI
Specificity:	Bacillus cereus (strain ATCC 14579 / DSM 31)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	DXR2
Alternative Name:	1-deoxy-D-xylulose 5-phosphate reductoisomerase 2 (dxr2) (DXR2 Products)
Background:	Recommended name: 1-deoxy-D-xylulose 5-phosphate reductoisomerase 2. Short name= DXP reductoisomerase 2. EC= 1.1.1.267. Alternative name(s): 1-deoxyxylulose-5-phosphate reductoisomerase 2 2-C-methyl-D-erythritol 4-phosphate synthase 2
UniProt:	Q819Y3

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 modified 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.
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Restrictions:	For Research Use only
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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.