Datasheet for ABIN1593975

KHG/KDPG aldolase (eda) Protein (AA 1-210) (His tag)

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Overview

Quantity:	1 mg
Target:	KHG/KDPG aldolase (eda) (EDA)
Protein Characteristics:	AA 1-210
Origin:	Treponema pallidum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KHG/KDPG aldolase (eda) protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MITIFEALER VRVIPVVTLE RVEDAVPLAR ALITGGIRCM EVTFRTLVAA EAIAAIRQEC ADVLLGAGTV LTVEQAQQAQ AAGAQFVVSP GFNPRVVAHC LGHGVPIIPG IASATEIERA LEFGISVVKF FPAELLGGTA MMSALARPYT AVRFVPTGGI HLNNLAEYVA HPRVLACGGS WMVPAQSIAA GDFSQVTALS QQTLQIVGVM
Specificity:	Treponema pallidum (strain Nichols)
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:	KHG/KDPG aldolase (eda) (EDA)

Target Details

Alternative Name:	Putative KHG/KDPG aldolase (eda) (EDA Products)
Background:	Recommended name: Putative KHG/KDPG aldolase Including the following 2 domains: 4-hydroxy-2-oxoglutarate aldolase. EC= 4.1.3.16. Alternative name(s): 2-keto-4-hydroxyglutarate aldolase. Short name= KHG-aldolase 2-dehydro-3-deoxy-phosphogluconate aldolase. EC= 4.1.2.14. Alternative name(s): 2-keto-3-deoxy-6-phosphogluconate aldolase. Short name= KDPG-aldolase Phospho-2-dehydro-3-deoxygluconate aldolase Phospho-2-keto-3-deoxygluconate aldolase
UniProt:	O83578

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.