Datasheet for ABIN1670223

DHODH Protein (AA 1-336) (His tag)

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Overview

Quantity:	1 mg
Target:	DHODH
Protein Characteristics:	AA 1-336
Origin:	Salmonella arizonae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHODH protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MYYPFVRKAL FQLDPERAHE FTFQQLRRIT GTPLEALVRQ KVPTKPVTCM GLTFKNPLGL AAGLDKDGEC IDALGAMGFG SLEIGTVTPR PQPGNDKPRL FRLVDAEGLI NRMGFNNLGV DNLVENVKKA HFDGILGINI GKNKDTPVEN GKDDYLICME KVYAYAGYIA INISSPNTPG LRTLQYGDAL DDLLIAIKNK QNDLQAIHHK YVPVAVKIAP DLCEEELIQV ADSLLRHNID GVIATNTTLD RSLVQGMKNC QQTGGLSGRP LQLKSTEIIR RLSQELNGQL PIIGVGGIDS VIAAREKIAA GATLVQIYSG FIFKGPPLIK EIVTHI
Specificity:	Salmonella arizonae (strain ATCC BAA-731 / CDC346-86 / RSK2980)
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:	DHODH
Alternative Name:	Dihydroorotate dehydrogenase (quinone) (DHODH Products)
Background:	Recommended name: Dihydroorotate dehydrogenase (quinone). EC= 1.3.5.2. Alternative name(s): DHOdehase. Short name= DHOD. Short name= DHODase Dihydroorotate oxidase
UniProt:	A9MHU3
Pathways:	Ribonucleoside Biosynthetic Process, Protein targeting to Nucleus

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.