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Datasheet for ABIN1639327

D-Serine Dehydratase Protein (DSDA) (AA 1-440) (His tag)

Overview

Quantity:	1 mg
Target:	D-Serine Dehydratase (DSDA)
Protein Characteristics:	AA 1-440
Origin:	Salmonella typhimurium
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This D-Serine Dehydratase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MENIQKLIAR YPLVEDLVAL KETTWFNPGA TSLAQGLPYV GLTEQDVNAA HDRLARFAPY LAKAFPQTAA AGGMIESDVV AIPAMQKRLE KEYGQTINGE MLLKKDSHLA ISGSIKARGG IYEVLTAEK LALEAGLLTT DDDYSVLLSP EFKQFFSQYS IAVGSTGNLG LSIGIMSACI GFKVTVHMSA DARAWKKAKL RSHGVTVEY EDDYGVAVEQ GRKAAQSDPN CFFIDENSR TLFLGYAVAG QRLKAQFAQQ GRVVDASHPL FVYLPCGVGG GPGGVAFLK LAFGDNVHCF FAEPHSPCM LLGVYTG LHD AISVQDIGID NLTAADGLAV GRASGFVGRA MERLLDGLYT LDDQTM YDML GWLAQEEGIR LEPSALAGMA GPQRICASVA YQQRHGFSQT QLGNATHLVW ATGGGMVPED EMEQYLAKGR</p>
Specificity:	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
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.

Product Details

Purity: > 90 %

Target Details

Target: D-Serine Dehydratase (DSDA)

Abstract: [DSDA Products](#)

Background: Recommended name: D-serine dehydratase.
EC= 4.3.1.18.
Alternative name(s): D-serine deaminase.
Short name= DSD

UniProt: [Q8ZL08](#)

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.

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.