Datasheet for ABIN1458463

ODC1 Protein (AA 1-422) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	ODC1
Protein Characteristics:	AA 1-422
Origin:	C. elegans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ODC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MISQFEIIGD NKIGVLPKQV DQLQMCRDIA ASKDLQENDS SFMLVDLDKI IERFQLWKRE LPMIEPFYAV KCNTDLVLIR ILASLGCGFD CASKDEIDIV MGTGVSAERI IYANPCKTRS FIAHAMDRDV KMMTFDNPEE LLKIAKLHPN AEMILRIAVS DPTATCPLNL KFGADPIIAA PQLLKTASEE GINVVGISFH VGSGCNDASA YRNALQHAKN LCEIGEGLGF KMDIIDMGGG FPGAEHHNPF EKIAETIRDA LDEFFPDTNK RLIAEPGRFF AAGPFSLVAN IIHATEVPAS KITKDPKDCA DHGYMYYIND GVYGSFNCIL FDHAHPIGSP LFDTDRNEKF MSTIWGPTCD SLDLVEDKKL MPKMNVGEWL YYPDMGAYTL AAATTFNGFS KPVPMYVMSE EMWESIRDST HV
Specificity:	Caenorhabditis elegans
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:	ODC1
Alternative Name:	Ornithine decarboxylase (odc-1) (ODC1 Products)
Background:	Recommended name: Ornithine decarboxylase. Short name= ODC. EC= 4.1.1.17
UniProt:	P41931

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.