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Datasheet for ABIN1644071

## Leucoanthocyanidin Dioxygenase Protein (LDOX) (AA 1-356) (His tag)

### Overview

Quantity:	1 mg
Target:	Leucoanthocyanidin Dioxygenase (LDOX)
Protein Characteristics:	AA 1-356
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Leucoanthocyanidin Dioxygenase protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MVAVERVESL AKSGIISIPK EYIRPKEELE SINDVFLEEK KEDGPQVPTI DLKNIESDDE KIRENCIEEL KKASLDWGVM HLINHGIPAD LMERVKKAGE EFFSLSVEEK EKYANDQATG KIQGYGSKLA NNASGQLEWE DYFFHLAYPE EKRDL SIWPK TPSDYIEATS EYAKCLRLLA TKVFKALSVG LGLEPDRLEK EVGGLEELLL QMKINYYPKC PQPELALGVE AHTDVSALTF ILHNMVPLGQ LFYEGKWVTA KCV PDSIVMH IGD TLEILSN GKYKSILHRG LVNKEKVRIS WAVFCEPPKD KIVLKPLPEM VSVESPAKFP PRTFAQHIEH KLF GKEQEEL VSEKND
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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

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Target:	Leucoanthocyanidin Dioxygenase (LDOX)
Abstract:	<a href="#">LDOX Products</a>
Background:	Recommended name: Leucoanthocyanidin dioxygenase. Short name= LDOX. Short name= Leucocyanidin oxygenase. EC= 1.14.11.19. Alternative name(s): Anthocyanidin synthase. Short name= ANS Leucoanthocyanidin hydroxylase
UniProt:	<a href="#">Q96323</a>

## Application Details

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Comment:	<p>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 modiflicated 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.</p>
Restrictions:	For Research Use only

## Handling

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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.