

Datasheet for ABIN1615681

## D Amino Acid Oxidase Protein (AA 1-348) (His tag)



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### Overview

Quantity:	1 mg
Target:	D Amino Acid Oxidase (DAO)
Protein Characteristics:	AA 1-348
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This D Amino Acid Oxidase protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MTKENKPRDI VIVGAGVIGL TTAWILSDLG LAPRIKVIK YTPEDRSVEY TSPWAGANFC SISATDDNAL RWDKITYHRF AYLAKTRPEA GIRFADLREL WEYEPKHDKI RSWNTYVRDF KVIPEKDLPG ECIYGHKATT FLINAPHYLN YMYKLLIEAG VEFKKELSH IKETVEETPE ASVVFNCTGL WASKLGGVED PDVYPTRGHV VLVKAPHVTE TRILNGKNSD TYIIPRPLNG GVICGGFMQP GNWDREIHPE DTLDKLRTS ALMPELFHGK GPEGAEIIQE CVGFRPSRKG GARVELDVVP GTSVPLVHDY GASGTGYQAG YGMALDSVML ALPKIKLA
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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

Target:	D Amino Acid Oxidase (DAO)
Alternative Name:	D-Amino-Acid Oxidase (Dao1) ( <a href="#">DAO Products</a> )
Background:	Recommended name: D-amino-acid oxidase. Short name= DAAO. Short name= DAMOX. Short name= DAO. EC= 1.4.3.3
UniProt:	<a href="#">Q9Y7N4</a>

## 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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.