

Datasheet for ABIN5623668

D Amino Acid Oxidase Protein (AA 1-347) (His tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	D Amino Acid Oxidase (DAO)
Protein Characteristics:	AA 1-347
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This D Amino Acid Oxidase protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	1-347 aa: MGSSHHHHHH SSSLVPRGSH MRVVVIGAGV IGLSTALCIH ERYHSVLQPL DIKVYADRFT PLTTTDVAAG LWQPYLSDPN NPQEADWSQQ TFDYLLSHVH SPNAENLGLF LISGYNLFHE AIPDPSWKDT VLGFRKLTTPR ELDMPFDYGY GWFHTSLILE GKNYLQWLTE RLTERGVKFF QRKVESFEEV AREGADVIVN CTGVWAGALQ RDPLLQPGRG QIMKVDAPWM KHFILTHDPE RGIYNSPYII PGTQTVTLLGG IFQLGNWSEL NNIQDHNTIW EGCCRLEPTL KNARIIGERT GFRPVRPQIR LEREQLRTGP SNTEVIHNYG HGGYGLTIHW GCALEAAKLF GRILEEKKLS RMPPSHL
Characteristics:	Purified Recombinant DAAO protein (His tagged)
Purification:	Purified
Purity:	> 90 % pure

Product Details

Biological Activity Comment: Specific activity is > 3.5 units/mg, in which one unit will oxidatively deaminate 1.0 umole of D-alanine to pyruvate per minute at pH 8.5 at 37C, in the presence of catalase.

Target Details

Target: D Amino Acid Oxidase (DAO)

Alternative Name: DAAO ([DAO Products](#))

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in liquid form in 20 mM Tris-HCl buffer (pH 8.0) containing 20 % glycerol 1 mM DTT

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 deg C short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 deg C. Avoid repeated freezing and thawing cycles.