

Datasheet for ABIN7596317
DAO Protein (AA 20-751) (His tag)



[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	DAO (ABP1)
Protein Characteristics:	AA 20-751
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DAO protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	EPSPGTLPRK AGVFSDSLNSQ ELKAVHSFLW SKKELRLQPS STTTMAKNTV FLIEMLLPKK YHVLRLDKG ERHPVREARA VIFFGDQHEP NVTEFAVGPL PGPCYMRALS PRPGYQSSWA SRPISTAEYA LLYHTLQEAT KPLHQFFLNT TGFSFQDCHD RCLAFTDVAP RGVASGQRRS WLIIQRYVEG YFLHPTGLEL LVDHGSTDAG HWAVEQVWYN GKFYGSPEEL ARKYADGEVD VVVLEDPLPG GKGHDSTEEP PLFSSHKPRG DFPSPIHVSG PRLVQPHGPR FRLEGNAVLY GGWSFAFRLR SSSGLQVLNV HFGGERIAYE VSVQEAVALY GGHTPAGMQT KYLDVGWGLG SVTHELAPGI DCPETATFLD TFHYDADDP VHYPALCLF EMPTGVPLRR HFNSNFKGGF NFYAGLKGQV LVLRTTSTVY NYDYIWDFIF YPNGVMEAKM HATGYVHATF YYPEGLRHGT RLHHTLIGNI HTHLVHYRVD LDVAGTKNSF QTLQMKLENI TNPWSPRHRV VQPTLEQTQY SWERQAAFRF KRKLPKYLLF TSPQENPWGH KRTYRLQIHS MADQVLPPGW QEEQAITWAR YPLAVTKYRE SELCSSSIYH QNDPWHPPVV FEQFLHNNEN IENEDLVAWV TVGFLHIPHS EDIPNTATPG NSVGFLLRPF NFFPEDPSLA SRDTVIVWPR DNGPNYVQRW IPEDRDCSMP
-----------	---

Product Details

PPFSYNGTYR PV

Purity: > 90% by SDS-PAGE

Endotoxin Level: < 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target: DAO (ABP1)

Alternative Name: ABP1/AOC1 ([ABP1 Products](#))

Background: ABP1, also known as diamine oxidase (DAO) and amine oxidase copper domain-containing protein 1 (AOC1), is a member of the copper-containing amine oxidase family. This enzyme catalyzes the oxidation of a wide range of biogenic amines including many neurotransmitters, histamine and xenobiotic amines. It has an important role in the catabolism of histamine and other bioactive polyamines. Deficiencies in ABP1 can result in histaminosis or dietary histamine intolerance. This protein is also contributed to Tumor Progression by Promoting the AKT and EMT Pathways in Gastric Cancer. Recombinant human AOC1, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Molecular Weight: 84.2kDa (738aa)

NCBI Accession: [NP_001082](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.