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Datasheet for ABIN1475471
AOC3 Protein (AA 2-763) (His tag)

Overview

Quantity:	1 mg
Target:	AOC3
Protein Characteristics:	AA 2-763
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AOC3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: TQKTTLVLL ALAVITIFAL VCVLLAGRSG DGGRLSQPLH CPSVLPSVQP QTHPGQSQPF
 ADLSPEELTA VMSFLIKHLG PGLVDAAQAR PSDNCVFSVE LQLPAKAAAL AHLDRGGPPP
 VREALAIFF GGQPKPNVSE LVVGPLPHPS YMRDVTVERH GGPLPYRRP VLTREYQDIQ
 EMIFHRELPQ ASGLLHHCCF YKRQGHNLLK MTTAPRGLQS GDRATWFGIY YNLSGAGFYP
 HPIGLELLVD HKALDPALWT IQKVIFYQGRY YESLTQLEDM FEAGLVNVVL VPDNGTGGSW
 SLKSSVPPGR APPLQFHPEG PRFSVQGSQV RSSLWAFSFG LGAFSGPRIF DIRFQGERVA
 YEISVQEAIA LYGGNSPASM STCYMDGSFG IGKYSTPLTR GVDCPYLATY VDWHFLLSEQ
 TPKTLRDAFC VFEQNQGLPL RRHHSDFYSH YFGGVVETVL VVRSVATLLN YDYVWDMVFN
 SNGAIEVKFH ATGYITSAFF FGAGEKFGNR VAEHTLGT VH THNAHFKVDL DVAGLKNWAW
 AEDLAFVPMN VPWQPEFQMQ RLQVTRKLL E TEEEAAPLG NATPRYLYLA SNHSNKWGHR
 RGYRIQILSF AGKPLPQESP IEKAFTWGRY HLAVTQRKEE EPSSSSIYNQ NDPWTPTVDF
 TDFISNETIA GEDLVAWVTA GFLHIPHAED IPNTVTVGNG VGFFLRPYNF FDEDPSFYSP

Product Details

DSIYFRKDQD VTDCEVNSLA CLSQTANCVP DLPAFSGGGF TYK

Specificity: Rattus norvegicus (Rat)

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: AOC3

Alternative Name: Membrane primary amine oxidase (Aoc3) ([AOC3 Products](#))

Background: Recommended name: Membrane primary amine oxidase.
EC= 1.4.3.21.
Alternative name(s): Copper amine oxidase Semicarbazide-sensitive amine oxidase.
Short name= SSAO VP97 Vascular adhesion protein 1.
Short name= VAP-1

UniProt: [O08590](#)

Pathways: [Feeding Behaviour](#)

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

Handling

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.