



Recombinant Arabidopsis thaliana Polyamine oxidase 1 (PAO1)

Product Code	CSB-EP884307DOA
Abbreviation	PAO1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9FNA2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MSTASVIIIG AGISGISA AK VLVENGVEDV LILEATDRIG GRIHKQNF GD VPVELGAGWI AGVGGKESNP VWELASRFNL RTCFSDYTNA RFNIYDRSGK IFPTGIASDS YKKA VDSAIL KLKSLEAQCS GQVAEEAPSS PKTPIELAID FILHDFEMAE VEPISTYVDF GEREFLVADE RGYECLLYKM AEEFLVTSHG NILDYRLKLN QVVREVQQSR NGVVVKTEDG SVYEANYVIV SASIGVLQSD LLSFQPLLPR WKTEAIQKCD VMVYTKIFLK FPQCFWPCGP GQEFFIYAHE QRGYFTFWQH MENAYPGSNI LVVTLTNEQS KRVEAQSDQE TMKEAMSVLR DMFGATIPYA TDILVPRWWN NRFQRGSYSN YPMISDNQLL QNIKAPVGRI FFTGEHTSEK FSGYVHGGYL AGIDTSKSL L EEMKQSLLLQ PLLAFTESLT LTHQKPNNSQ IYTNVKFISG TS
Source	E.coli
Target Names	PAO1
Protein Names	Recommended name: Polyamine oxidase 1 Short name= AtPAO1 EC= 1.5.3.16 Alternative name(s): N(1)-acetylpolyamine oxidase Spermine oxidase
Expression Region	1-472
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.