



Recombinant Arabidopsis thaliana Probable polyamine oxidase 2 (PAO2)

Product Code	CSB-EP890377DOA-B
Abbreviation	PAO2
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.	Q9SKX5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MESRKNSDRQ MRRANCF SAG ERMKTRSPSV IVIGGGFGGI SAARTLQDAS FQVMVLESRD RIGGRVHTDY SFGFPVDLGA SWLHGVCKEN PLAPVIGRLG LPLYRTSGDN SVLYDHDLES YALFDMDGNQ VPQELVTQIG VTFERILEEI NKVRDEQDAD ISISQAFSIV FSRKPELRLE GLAHNVLQWY VCRMEGWFAA DAETISAKCW DQEELLPGGH GLMVRGYRPV INTLAKGLDI RVGHRVTKIV RRYNGVKVTT ENGQTFVADA AVIAVPLGLV KSGTIKFEPK LPEWKQEAIN DLGVGIENKI ILHFEKVFWP KVEFLGVVAE TSYGCSYFLN LHKATGHPVL VYMPAGQLAK DIEKMSDEAA ANFAVLQLQR ILPDALPPVQ YLVSRWGSDV NSMGYSYDI VGKPHDLYER LRVPVDNLFF AGEATSSSFP GSVHGAYSTG LMAAEDCRMRL VLERYGELDL FQPVMGEEGP ASVPLLSRL
Source	E.coli
Target Names	PAO2
Protein Names	Recommended name: Probable polyamine oxidase 2 Short name= AtPAO2 EC= 1.5.3.- Alternative name(s): Amine oxidase 1
Expression Region	1-490
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.