



Recombinant Arabidopsis thaliana Peroxygenase 2 (PXG2)

Product Code	CSB-YP872279DOA
Abbreviation	PXG2
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.	Q9FLN9
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	TSMERMERD AMETVAPYAR VTYHRRVRGD LDDTLPKPYL PRALQAPDME HPQGTPDHRH NGLSVLQQHV AFFDLNNGI IYPFETFSGF RLLGFNLLAS LILAAGINIA LSYATLPGWL PSPFFPIYIH NIHKAKHGSD SKTYDNEGRY TPANLELMFS KYARTIPDKL SLGELWDMTE GNRDAFDFFG WLASKVEWGV LYALASDEEG FLSKEAIRRC FDGSLFEYCA KNYAEIKEYK TYY
Source	Yeast
Target Names	PXG2
Protein Names	Recommended name: Peroxygenase 2 Short name= AtPXG2 EC= 1.11.2.3 Alternative name(s): Caleosin-2 Embryo-specific protein 2 Putative embryo-specific protein 1 (ATS2)
Expression Region	2-243
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 of Mature 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.