



Recombinant Arabidopsis thaliana Inorganic pyrophosphatase 1 (PS2)

Product Code	CSB-EP718060DOA-B
Abbreviation	PS2
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.	Q67YC0
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MAYNSNSNNN NNNIVVVFDF DKTIIDVDSN NWVIDELGFT DLFNQLLPTM PWNTLMDRMM KELHDQGKTI EEIKQVLRTI PIHPRVVPPI KSAHDLGCEL RIVSDANMFF IETIVEHLGI SELFSEINSN PGYVDERGTL KISPYHDFTK SPHSCSCGTC PPNMCKGLII ERIQQSLAKE GKKKMIYLGD GAGDYCPSLK LNTEDYVMPIR KNFPVWDLIS QNPMLIKAAI REWTDGQSME MILIGTIEEI RLEEEKEKML TSAENNCKMQ TISIGINNVH HEPILPRALR VSQSS
Source	E.coli
Target Names	PS2
Protein Names	Recommended name: Inorganic pyrophosphatase 1 Short name= AtPPsPase1 Short name= PPI phosphatase 1 Short name= Pyrophosphate-specific phosphatase 1 EC= 3.6.1.1 Alternative name(s): Protein PHOSPHATE STARVATION-INDUCED G
Expression Region	1-295
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.