



Recombinant Arabidopsis thaliana APO protein 1, chloroplastic (APO1)

Product Code	CSB-EP893147DOA-B
Abbreviation	APO1
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.	Q9XIR4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	LGT VFCFNQKHRE QTSFKKRYVS TQNVDLPPIL PKNKKKPYPI PFKQIQEEAR KDKKLAQMG I EKQLDPPKNG LLVPNLVPVA DQVIDNWKLL IKGLAQLLHV VPVFACECG AVHVANVGHN IRDCNGPTNS QRRGSHSWVK GTINDVLIPV ESYHMYDPFG RRIKHETRFE YERIPALVEL CIQAGVEIPE YPCRRRTQPI RMMGKRVIDR GGYHKEPEKP QTSSSLSSPL AELDTLGVFE RYPPPTPEDI PKIAQETMDA YEKVRLGVTK LMRKFTVKAC GYCSEVHVGP WGHSVKLCGE FKHQWRDGKH GWQDALVDEV FPPNYVWHVR DLKGNPLTGN LRRFYGKAPA LVEICMHSGA RVPQRYKAMM RLDIIVPDSQ EADMVA
Source	E.coli
Target Names	APO1
Protein Names	Recommended name: APO protein 1, chloroplastic Alternative name(s): Accumulation of photosystem I protein 1 Protein ACCUMULATION OF PHOTOSYSTEM ONE 1
Expression Region	48-436
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.