



Recombinant Arabidopsis thaliana Phosphatase IMPL1, chloroplastic (IMPL1)

Product Code	CSB-EP842479DOA
Abbreviation	IMPL1
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.	Q94F00
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	LSEVSDQTR YPRIGAKTTG TISPAHLLLEV VELAAKTGAE VVMEAVNKPR NITYKGLSDL VTDTDKASEA AILEVVKKNF SDHLILGEEG GIIGDSSSDY LWCIDPLDGT TNFAHGYPFS AVSVGVLRYG NPAAASVVEF VGGPMCWNTR TFSATAGGGA LCNGQKIHVS KTD AVERALL ITGFGYEHDD AWSTNMELFK EFTDVSARGVR RLGAAAVDMC HVALGIAESY WEYRLKPWDM AAGVLIVEEA GGAVTRMDGG KFSVFDRSVL VSNGVLHPKL LERIAPATEN LKSKGIDFSL WFKPEDYHTE L
Source	E.coli
Target Names	IMPL1
Protein Names	Recommended name: Phosphatase IMPL1, chloroplastic EC= 3.1.3.25 Alternative name(s): Protein MYO-INOSITOL MONOPHOSPHATASE-LIKE 1
Expression Region	62-371
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.