



Recombinant Arabidopsis thaliana Bifunctional phosphatase IMPL2, chloroplastic (IMPL2)

Product Code	CSB-EP743968DOA
Abbreviation	IMPL2
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.	Q6NPM8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	ASNSKRPNI SNESPSELSD TELDRFAAVG NALADASGEV IRKYFRKKFD IVDKDDMSPV TIADQMAEEA MVSIIFQNLQ SHAIYGEEKG WRCKEESADY VWVLDPIDGT KSFITGKPVF GTLIALLYKG KPILGLIDQP ILKERWIGMN GRRTKLNQED ISTRSCPCLS QAYLYTTSPH LFSEEAEKAY SRVRDKVKVP LYGCDCYAYA LLASGFVDLV IESGLKPYDF LALVPVIEGA GGTITDWTGK RFLWEASSSA VATSFNVVAA GDSDIHQQAL ESLEWH
Source	E.coli
Target Names	HISN7
Protein Names	Recommended name: Bifunctional phosphatase IMPL2, chloroplastic Alternative name(s): Histidinol-phosphatase Histidinol-phosphate phosphatase Short name= HPP EC= 3.1.3.15 Inositol-phosphate phosphatase EC= 3.1.3.25
Expression Region	62-346
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.