



Recombinant Arabidopsis thaliana Imidazoleglycerol-phosphate dehydratase 1 (At3g22425)

Product Code	CSB-EP333852DOA-B
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.	P34047
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	CSASSSSSM ALGRIGEVKR VTKETNVSVK INLDGTGVAD SSSGIPFLDH MLDQLASHGL FDVHVRATGD VHIDDHHTNE DIALAIGTAL LKALGERKGI NRFGDFTAPL DEALIHVSLD LSGRPYLGYN LEIPTQRVGT YDTQLVEHFF QSLVNTSGMT LHIRQLAGEN SHHIEATFK AFARALRQAT ETDPRRGGTI PSSKGVLSRS
Source	E.coli
Target Names	HISN5A
Protein Names	Recommended name: Imidazoleglycerol-phosphate dehydratase 1 Short name= IGPD 1 EC= 4.2.1.19
Expression Region	62-270
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.