



Recombinant Arabidopsis thaliana Arogenate dehydratase/prephenate dehydratase 1, chloroplastic (ADT1)

Product Code	CSB-EP882806DOA-B
Abbreviation	ADT1
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.	Q9SA96
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VT AIEGEIPFSR ELKKSSDELG LTQETQSLSF HRDLSMLPKP LTANSLYSSD GDDSKVRISF QGIPGAYSET AALKAFPNC E TVPCEQFEAA FQAVELWLVD KAVLPIENSV GCSIHRNYDL LLRHLRHIVQ EVHLPVNHCL LGVPGVKKED IKCVLSHPQA LDQCVNSLNN LGIQRISAKD TATAAQTVSS SGKIDVGAIA SVRAANIYGL DILAENIQDD VNNVTRFLIL AREPMIPRTD RPYKTSIVFS LEEGPGLVLFK ALAVFALRSI NLSKIESRPQ RRRPLRVVDG SNNGSAKYFD YLFYIDFEAS MADTRAQHAL GHLQEFASFI RILGCYPMDL VR
Source	E.coli
Target Names	ADT1
Protein Names	Recommended name: Arogenate dehydratase/prephenate dehydratase 1, chloroplastic Short name= AtADT1 Short name= AtPDT1 EC= 4.2.1.51 EC= 4.2.1.91
Expression Region	49-392
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.