



Recombinant Arabidopsis thaliana Amidase 1 (AMI1)

Product Code	CSB-BP863833DOA
Abbreviation	AMI1
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.	Q9FR37
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MATNNDFGAF IEKVTISPTS TSSSPPSLQG LTFAIKDIFD VEGRVTGFGN PDWLRTHSAA TSTAPVVSSL LEAGATALGI TIMDEMAYSI NGENAHYGTP RNPIAFDRVP GGSSSGSAVA VAARLVDFSI GTDTGGSVRV PASYCGIFGF RPSHGAVSTV GLTPMAQSFDTVGWFARDTA TLKRVGCVLL QQHHLNPIEP SQLLIADDCF KLCSVPHDLL VQPLVGSVEK SFGGNTVVKK VNLGEYIGQN VPSLKHFMST DDVTTQQEFC IPSLMALSSS MRLLRHEFK INHGAWISSV KPEFGPGISE RIEEAIRTS EKIDHCRSVK SELITALSTL LGEKGVLVIP TVPGPPPHLQ ANVAALESFR SRAFSLLSIA GVSGFCQVSI PLGLHENLPV SVSLVAKYGS DGFLLSLVDS LAAFI
Source	Baculovirus
Target Names	AMI1
Protein Names	Recommended name: Amidase 1 Short name= AtAMI1 EC= 3.5.1.4 Alternative name(s): Translocon at the outer membrane of chloroplasts 64-I Short name= AtTOC64-I
Expression Region	1-425
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 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.