



# Recombinant Arabidopsis thaliana Amidase 1 (AMI1)

<b>Product Code</b>	CSB-YP863833DOA
<b>Abbreviation</b>	AMI1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9FR37
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Yeast
<b>Target Names</b>	AMI1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-425
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.