



# Recombinant Arabidopsis thaliana Methylthioalkylmalate synthase 1, chloroplastic (MAM1)

<b>Product Code</b>	CSB-MP887742DOA
<b>Abbreviation</b>	MAM1
<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>	Q9FG67
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	C SSVSKNAATS STDLKPVER WPEYIPNKLP DGNYVRVFD TLRDGEQSPG GSLTPPQKLE IARQLAKLRV DIMEVGFPGS SEEELETIKT IAKTVGNEVD EETGYVPVIC AIARCKHRDI EATWEALKYA KRPRILVFTS TSDIHMKYKL KKTQEEVIEM AVSSIRFAKS LGFNDIQFGC EDGGRSDKDF LCKILGGEAIK AGVTVVTIGD TVGINMPHEY GELVTYLVKAN TPGIDVVVA VHCHNDLGLA TANSIAGIRA GARQVEVTIN GIGERSGNAS LEEVVMALKC RGAYVINGVY TKIDTRQIMA TSKMVQEYTG LYVQAHKPIV GANCFVHESG IHQDGILKNR STYEILSPED IGIVKSQNSG LVLGKLSGRH AVKDRLKELG YELDDEKLNA VFSLFRDLTK NKKRITDADL KALVTSSDEI SLEKLNANG LKSNGYIPVP QVSSNV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	MAM1
<b>Protein Names</b>	Recommended name: Methylthioalkylmalate synthase 1, chloroplastic EC=2.3.3.- Alternative name(s): 2-isopropylmalate synthase 3
<b>Expression Region</b>	50-506
<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 of Mature 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.



## Shelf Life

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