



# Recombinant Arabidopsis thaliana Aldehyde dehydrogenase family 3 member I1, chloroplastic (ALDH3I1)

<b>Product Code</b>	CSB-YP845081DOA
<b>Abbreviation</b>	ALDH3I1
<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>	Q8W033
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	S AVVKEQASDF SGKEAALLVD ELRSNFNSGR TKSIEWRISQ LQNIARMIDE KEKCITEALY QDLSKPELEA FLAEISNTKS SCMLAIKELK NWMAPETVKT SVTTFPSSAQ IVSEPLGVVL VISAWNFPFL LSVEPVIGAI AAGNAVVLKP SEIAPAASSL LAKLFSEYLD NTTIRVIEGG VPETTALLDQ KWDKIFFTGG ARVARIIMAA AARNLTPVVL ELGGKCPALV DSDVNLQVAA RRIAGKWAC NSGQACIGVD YVITTKDFAS KLIDALKTEL ETFFGQNALE SKDLSRIVNS FHFKRLESML KENGVANKIV HGGRITDKL KISPTILLDV PEASSMMQEE IFGPLLPIT VQKIEDGFQV IRSKPKPLAA YLFTNNKELE KQFVQDVSAG GITINDTVLH VTKDLDFGG VGESGIGAYH GKFSYETFSH KKGVLRSFS GDADLRYPPY TPKKKMVLKA LLSSNIFAAI LAFFGFSKDS
<b>Source</b>	Yeast
<b>Target Names</b>	ALDH3I1
<b>Protein Names</b>	Recommended name: Aldehyde dehydrogenase family 3 member I1, chloroplastic Short name= AtALDH3 EC= 1.2.1.3
<b>Expression Region</b>	60-550
<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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