



# Recombinant Arabidopsis thaliana Alanine aminotransferase 2, mitochondrial (ALAAT2)

<b>Product Code</b>	CSB-EP888704DOA-B
<b>Abbreviation</b>	ALAAT2
<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>	Q9LDV4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SSTS EMSASDSTSS LPVTLDSINP KVLKCEYAVR GEIVNIAQKL QEDLKTNKDA YPFDEIYCN IGNPQSLGQL PIKFFREVLA LCDHASLLDE SETHGLFSTD SIDRAWRILD HIPGRATGAY SHSQGIKGLR DVIAAGIEAR DGFPADPNDI FLTDGASPAV HMMMQLLLSS EKDGILSPIP QYPLYSASIA LHGGSLVPYY LDEATGWGLE ISDLKKQLEE ARSKGISVRA LVVINPGNPT GQVLAEEENQR DIVNFCKQEG LVLLADEVYQ ENVYVPDKKF HSFKKVARSL GYGEKDISLV SFQSVSKGYG GECGKRGGYM EVTGFTSDVR EQIYKMASVN LCSNISGQIL ASLVMSPPKP GDDSYDSYMA ERDGILSSMA KRAKTLEDAL NSLEGVTCNR AEGAMYLFPR INLPQKAIEA AEAETAPDA FYCKRLLNAT GVVVVPGSGF GQVPGTWHFR CTILPQEDKI PAIVNRLTEF HKSFMDEFRN
<b>Source</b>	E.coli
<b>Target Names</b>	ALAAT2
<b>Protein Names</b>	Recommended name: Alanine aminotransferase 2, mitochondrial Short name= AtAlaAT2 Short name= AtAlaATm EC= 2.6.1.2 Alternative name(s): Alanine-2-oxoglutarate aminotransferase 3 EC= 2.6.1.-
<b>Expression Region</b>	47-540
<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.
<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.