



# Recombinant Arabidopsis thaliana ATP-citrate synthase alpha chain protein 1 (ACLA-1)

<b>Product Code</b>	CSB-YP874411DOA
<b>Abbreviation</b>	ACLA-1
<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>	Q9SGY2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MARKKIREYD SKRLVKEHFK RLSGKELPIR SVQINETTDL NELVEKEPWL SSEKLVVKPD MLFGKRGKSG LVALKLD FAD VATFVKERLG KEVEMSGCKG PITTFIVEPF VPHNEEYLN VVSDRLGCSI SFSECGGIEI EENWDKVKTI FLPTGASLTP EICAPLVATL PLEIKAEIEE FIKVIFTLFQ DLDFTFLEMN PFTLVDGSPY PLDMRGELDD TAAFKNFKKW GDIEFPLPFG RVMSPTESFI HGLDEKTSAS LKFTVLNPKG RIWTM VAGGG ASVIYADTVG DLGYASELGN YAEYSGAPKE DEVLQYARVV IDCATANPDG KSRALVIGGG IANFTDVAAT FNGIIRALKE KEAKLKAARM HIFVRRGGPN YQKGLAKMRA LGDDIGVPIE VYGPEATMTG ICKEAIQYIT AAA
<b>Source</b>	Yeast
<b>Target Names</b>	ACLA-1
<b>Protein Names</b>	Recommended name: ATP-citrate synthase alpha chain protein 1 Short name= ATP-citrate synthase A-1 EC= 2.3.3.8 Alternative name(s): ATP-citrate lyase A-1 Citrate cleavage enzyme A-1
<b>Expression Region</b>	1-423
<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.