



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

Product Code	CSB-EP874411DOA
Abbreviation	ACLA-1
Storage	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.
Uniprot No.	Q9SGY2
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MARKKIREYD SKRLVKEHFK RLSGKELPIR SVQINETTDL NELVEKEPWL SSEKLVVKPD MLFGKRGKSG LVALKLDLDFAD VATFVKERLG KEVEMSGCKG PITTFIVEPF VPHNEEYYLN VVSDRLGCSI SFSECGGIEI EENWDKVKTI FLPTGASLTP EICAPLVATL PLEIKAEIEE FIKVIFTLFQ DLDFTFLEMN PFTLVDGSPY PLDMRGELDD TAAFKNFKKW GDIEFPLPFG RVMSPTESFI HGLDEKTSAS LKFTVLNPKG RIWTMVAGGG ASVIYADTVG DLGYASELGN YAEYSGAPKE DEVLQYARVV IDCATANPDG KSRALVIGGG IANFTDVAAT FNGIIRALKE KEAKLKAARM HIFVRRGGPN YQKGLAKMRA LGDDIGVPIE VYGPEATMTG ICKEAIQYIT AAA
Source	E.coli
Target Names	ACLA-1
Protein Names	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
Expression Region	1-423
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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	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.