



Recombinant Arabidopsis thaliana Chitinase-like protein 1 (CTL1)

Product Code	CSB-EP863009DOA
Abbreviation	CTL1
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.	Q9MA41
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	EDKT IKVKKVRGNK VCTQGWEC SW WSKYCCNQTI SDYFQVYQFE QLFSKRNTPI AHAVGFWDYQ SFITAAALFE PLGFGTTGGK LMGQKEMAAF LGHVASKTSC GYGVATGGPL AWGLCYNREM SPMQSYCDES WKFYPCSPG AEYYGRGALP IYWNFNYGAA GEALKADLLN HPEYIEQNAT LAFQAAIWRW MTPIKRAQPS AHDIFVGNWK PTKNDTLSKR GPTFGSTMNV LYGEYTCGQG SIDPMNNIIS HYLYFLDLMG IGREDAGPND ELSCAEQKPF NPSTVPSSSS S
Source	E.coli
Target Names	CTL1
Protein Names	Recommended name: Chitinase-like protein 1 Short name= AtCTL1 Alternative name(s): Protein ANION ALTERED ROOT MORPHOLOGY Protein ECTOPIC DEPOSITION OF LIGNIN IN PITH 1 Protein ECTOPIC ROOT HAIR 2 Protein POM-POM1 Protein SEN
Expression Region	27-321
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 of Mature 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.