



Recombinant Arabidopsis thaliana Magnesium-chelatase subunit chlI, chloroplastic (CHLI)

Product Code	CSB-EP322829DOA-B
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.	P16127
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	VMNVATEINS TEQVVGKFDS KKSARPVYYPF AAIVGQDEMK LCLLLNVIDP KIGGVMIMGD RGTGKSTTVR SLVDLLPEIN VVAGDPYNSD PIDPEFMGVE VRERVEKGEQ VPVIATKINM VDLPLGATED RVCGTIDIEK ALTEGVKAFE PGLLAKANRG ILYVDEVNLL DDHLVDVLLD SAASGWNTVE REGISISHPA RFILIGSGNP EEGELRPQLL DRFGMHAQVG TVRDADLRVK IVEERARFDS NPKDFRDYK TEQDKLQDQI STARANLSSV QIDRELKVKI SRVCSELNVD GLRGDIVTNR AAKALAALKG KDRVTPDDVA TVIPNCLRHR LRKDPLESID SGVLVSEKFA EIFS
Source	E.coli
Target Names	CHLI1
Protein Names	Recommended name: Magnesium-chelatase subunit chlI, chloroplastic EC=6.6.1.1 Alternative name(s): Mg-protoporphyrin IX chelatase Protein CS/CH-42
Expression Region	61-424
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.