



Recombinant Arabidopsis thaliana Probable calcium-binding protein CML21 (CML21)

Product Code	CSB-EP709568DOA-B
Abbreviation	CML21
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.	Q52K82
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MGGAVTKSET LQKEWVPETK LEAKIIEAVQ RRASRGTTMK SFNSIVLKFP KIDDGLRNCK AIFQEFDEDS NGSIDHTELK NCIRKLEISF DEEEINDLFK ACDINEDMGI TFTEFIVLLC LVYLLKDDSS TLQKKWTMGM PKLEPTFETL VDTFVFLDEN KDGYSREEM VRAIDESGER SSGRIAMKRF EEMDWDKNGM VNFKEFLFAF TQWVGIDENE EEEEEEDNNEK A
Source	E.coli
Target Names	CML21
Protein Names	Recommended name: Probable calcium-binding protein CML21 Alternative name(s): Calmodulin-like protein 21
Expression Region	1-231
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.