



Recombinant Arabidopsis thaliana Probable calcium-binding protein CML50 (CML50)

Product Code	CSB-EP880848DOA-B
Abbreviation	CML50
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.	Q9FYE4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MSGYPPTSQG YGYGYGGGNQ PPPPQPPYSS GGNNPPYGSS TTSSPYAVPY GASKPQSSSS SAPTYGSSSY GAPPPSAPYA PSPGDYMKPP KEKPYGGGYG APPPSGSSDY GSYGAGPRPS QPSGHGGGYG ATPPHGVSDY GSYGGAPPRP ASSGHGGGYG GYPPQASYGS PFASLIPSGF APGTDPNIVA CFQAADQDGS GFIDDKELQG ALSSYQQRFS MRTVHLLMYL FTNSNAMKIG PKEFTALFYS LQNWRSIFER SDKDRSGRID VNELRDALLS LGFSVSPVVL DLLVSKFDKS GGNRAIEYD NFIECCLTVK GLTEKFKEKD TAYSGSATFN YESFMLTVLP FLIA
Source	E.coli
Target Names	CML50
Protein Names	Recommended name: Probable calcium-binding protein CML50 Alternative name(s): Calmodulin-like protein 50
Expression Region	1-354
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.