



# Recombinant Arabidopsis thaliana Magnesium-protoporphyrin IX monomethyl ester [oxidative] cyclase, chloroplastic (CRD1)

<b>Product Code</b>	CSB-MP862988DOA
<b>Abbreviation</b>	CRD1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9M591
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSAS SPPPTTAT SKSKKGTKKE IQESLLTPRF YTTDFEEMEQ LFNTEINKNL NEAEFEALLQ EFKTDYNQTH FVRNKEFKEA ADKLQGPLRQ IFVEFLERSC TAEFSGFLLY KELGRRLKKT NPVVAEIFSL MSRDEARHAG FLNKGLSDFN LALDLGFLTK ARKYTFFKPK FIFYATYLSE KIGYWRYITI YRHLKENPEF QCYPIFKYFE NWCQDENRHG DFFSALMKAQ PQFLNDWQAK LWSRFFCLSV YVTMYLNDCC RTNFYEGIGL NTKEFDMHVI IETNRRTARI FPAVLDVENP EFKRKLDRMV VSYEKLLAIG ETDDASFIKT LKRIPLVTSL ASEILAAAYLM PPVESGSVDF AEFEPNLVY
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CRD1
<b>Protein Names</b>	Recommended name: Magnesium-protoporphyrin IX monomethyl ester [oxidative] cyclase, chloroplastic Short name= Mg-protoporphyrin IX monomethyl ester oxidative cyclase EC= 1.14.13.81 Alternative name(s): Copper response defect 1 protei
<b>Expression Region</b>	37-409
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.



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