



Recombinant *Gossypium hirsutum* Magnesium-protoporphyrin IX monomethyl ester [oxidative] cyclase, chloroplastic (CRD1)

Product Code	CSB-EP740866GHB-B
Abbreviation	CRD1
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.	Q6SJV8
Product Type	Recombinant Protein
Immunogen Species	<i>Gossypium hirsutum</i> (Upland cotton) (<i>Gossypium mexicanum</i>)
Purity	>85% (SDS-PAGE)
Sequence	AAAKGGK KAAKTAIKET LLTPRFYTTD FDEMEALFNT EINKNLNQSE FESLLQEFKT DYNQTHFVRN KEFKEAADKI DGPLRQIFVE FSERSCTAEF SGFLLYKELG RRLKKTNPVV AEIFSLMSRD EARHAGFLNK GLSDFNLALD LGFLTARKY TFFKPKFIFY ATYLSEKIGY WRYITIYRHL KENPEYQCYP IFKYFENWCQ DENRHGDFFS ALLKAQPQFL NDWKAKLWSR FFCLSVYVTM YLNDQCRTAF YEGIGLDTKE FDMHVIIETN RTTARIFPAV LDVENPEFKR RLDKMVEINE QLLAVGETSD IPLVKNLKR PLIAALASEL LATYLMPPIE SGSVDFAEFE PQLVY
Source	E.coli
Target Names	CRD1
Protein Names	Recommended name: Magnesium-protoporphyrin IX monomethyl ester [oxidative] cyclase, chloroplastic Short name= Mg-protoporphyrin IX monomethyl ester oxidative cyclase EC= 1.14.13.81
Expression Region	44-405
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.



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