



Recombinant *Oryza sativa* subsp. *indica* Probable monogalactosyldiacylglycerol synthase 2, chloroplastic (MGD2)

Product Code	CSB-EP384917OFF-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.	A2YTP9
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	GGLTAALS EDGAEGGVPL PCGRKTAALK NVLILMSDTG GGHRSAAEAL RDAFRLEFGD AYQVFVRDLG KEYGGWPLND MERSYKFMIR HVRLWKVAFH GTSPRWVHGM YLAALAYFYA NEVVAGIMRY NPDIIISVHP LMQHIPLWVL KWQSLHPKVP FVTVITDLNT CHPTWFHHGV TRCYCPSAEV AKRALLRGL PSQIRVYGLP IRPSFCRAVL DKDELKELD MDPDLPVLL MGGGEGMGPV EETATALSDE LYDRRRRRPV GQIVVICGRN QVLRSTLQSS RWNVPVKIRG FEKQMEKWMG ACDCIITKAG PGTIAEALIR GLPIILNDFI PGQEVGNVPY VVDNGAGVFS KDPREARQV ARWFTTHTNE LRRYSLNALK LAQPEAVFDI VKDIHKLQQQ PATVTRIPYS LTSSFSYSI
Source	E.coli
Target Names	MGD2
Protein Names	Recommended name: Probable monogalactosyldiacylglycerol synthase 2, chloroplastic Short name= OsMGD2 EC= 2.4.1.46
Expression Region	43-469
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.