



Recombinant *Oryza sativa* subsp. japonica Probable monogalactosyldiacylglycerol synthase 3, chloroplastic (MGD3)

Product Code	CSB-EP607738OFG-B
Abbreviation	MGD3
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.	Q0DWQ1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	GASSSASTTS LCGPDEDDEP FWEEEEEGTVE LVQLGANRAK NVLILMSDTG GGHRASAQAI KDPFRIEFGD DYRVFVKDLC KDHAGWPLNN MESSYKFMVK HVQLWKVAFH TTSPRWVHCF YLAALASFYA KKVEAGLKKY KPDIIISVHP LMQHIPLWVL KWQGLQNRVV FVTVITDLNT CHPTWFHADV NRCYCPSEEV AKRAALDDLQ PSQIRVFGLP IRPSFCRAVL VKDDLKKELE LDPPELPAVLL MGGGEGMGPV KKTAKALGES LFDKELGKPI GQLIVICGRN KTLSSSLQAL EWKIPIKVRG FETQMEKWMG ACDCIITKAG PGTIAEALIR GLPIILNDFI PGQEVGNVPY VVDNGAGVFS KSSRETAKLV ARWFGPDSDE LKRMSEKALK LAQPEAVFDI VRDIHELRSRE QGVISQISSS LTSSFFIPSP ETTPIQLM
Source	E.coli
Target Names	MGD3
Protein Names	Recommended name: Probable monogalactosyldiacylglycerol synthase 3, chloroplastic Short name= OsMGD3 EC= 2.4.1.46
Expression Region	61-508
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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