



Recombinant *Oryza sativa* subsp. japonica Probable monogalactosyldiacylglycerol synthase 1, chloroplastic (MGD1)

Product Code	CSB-YP721312OFG
Abbreviation	MGD1
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.	Q69QJ7
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	G GGS GEGAGGG GGGGGGEVDG LVEEEGVARA EAPKKVLILM SDTGGGHRAS AEAIAAFIQ EFGDDYQVFV TDLWTDHTPW PFNQLPRSYS FLVKHGPLWK MTYYGTAPRV VHQPFAATS TFIAREVAKG LMKYQPDVII SVHPLMQHVP LRILRSKGLL DKIPFTTVVT DLSTCHPTWF HKLVTRCYCP SAEVSKRALK AGLQPSQIKV YGLPVRPSFV KPIRPEDELRL RELGMDEYLP AVLLMGGGEG MGPIEATARA LGDALYDEVL GEPTGQILVI CGRNKCLTSR LQSINWKVPV QVKGFVTKME ECMGACDCII TKAGPGTIAE AMIRGLPIIL NGYIAGQEAG NVPYVVDNGC GKFSKSPEQI AKIVADWFGP RSDCLKMMSQ NALKLARPDA VFKIVHDLHE LVRQKCFVPQ YACAS
Source	Yeast
Target Names	MGD1
Protein Names	Recommended name: Probable monogalactosyldiacylglycerol synthase 1, chloroplastic Short name= OsMGD1 EC= 2.4.1.46
Expression Region	110-535
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,



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