



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

<b>Product Code</b>	CSB-BP721312OFG
<b>Abbreviation</b>	MGD1
<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>	Q69QJ7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. japonica (Rice)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Baculovirus
<b>Target Names</b>	MGD1
<b>Protein Names</b>	Recommended name: Probable monogalactosyldiacylglycerol synthase 1, chloroplastic Short name= OsMGD1 EC= 2.4.1.46
<b>Expression Region</b>	110-535
<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.
<b>Shelf Life</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.