



Recombinant Arabidopsis thaliana GDP-mannose 4,6 dehydratase 1 (GMD1)

Product Code	CSB-YP879800DOA
Abbreviation	GMD1
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.	Q9SNY3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MASRSLNGDS DIVKPRKIAL VTGITGQDGS YLTEFLLEKG YEVHGLIRRS SNFNTQRLNH IYVDPHNVNK ALMKLHYGDL SDASSLRRWL DVIKPDEVYN LAAQSHVAVS FEIPDYTADV VATGALRLL E AVRSHNIDNG RAIKYYQAGS SEMFGSTPPP QSETTPFHPR SPYAASKCAA HWYTVNYREA YGLYACNGIL FNHESPRRGE NFVTRKITRA LGRIKVGLQT KLFLGNIQAS RDWGFAGDYV EAMWLMLQQE KPDDYVVATE ESHTVKEFLD VSGYVGLNW KDHVEIDKRY FRPTEVDNLK GDASKAKEML GWKPKVGF EK LVKMMVDEDL ELAKREKVL A DAGYMDAQQQ P
Source	Yeast
Target Names	GMD1
Protein Names	Recommended name: GDP-mannose 4,6 dehydratase 1 EC= 4.2.1.47 Alternative name(s): GDP-D-mannose dehydratase 1 Short name= GMD 1
Expression Region	1-361
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 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.