



Recombinant *Shigella flexneri* GDP-mannose 4,6-dehydratase (gmd)

Product Code	CSB-YP009569SZB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AC91
Product Type	Recombinant Protein
Immunogen Species	<i>Shigella flexneri</i>
Purity	>85% (SDS-PAGE)
Sequence	MSKVALITGV TGQDGSYLAE FLLEKGYEVH GIKRRASSFN TERVDHIYQD PHTCNPKFHL HYGDLSDTSN LTRILREVQP DEVYNLGAMS HVAVSFESPE YTADVDAMGT LRLLEAIRFL GLEKKTRFYQ ASTSELYGLV QEIPQKETTP FYPRSPYAVA KLYAYWITVN YRESYGMYAC NGILFNHESP RRGETFVTRK ITRAIANIAQ GLESCLYLGN MDSL RDWGH A KDYVKMQWMM LQQEQPEDFV IATGVQYSVR QFVEMAAAQL GIKLRFEGTG VEEKGIVVSV TGHDAPGVKP GDVIIAVDPR YFRPAEVETL LGDPTKAHEK LGWKPEITLR EMVSEMVAND LEAAKKHSL L KSHGYDVAIA LES
Source	Yeast
Target Names	gmd
Protein Names	Recommended name: GDP-mannose 4,6-dehydratase EC= 4.2.1.47 Alternative name(s): GDP-D-mannose dehydratase
Expression Region	1-373
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.