



Recombinant Arabidopsis thaliana GDP-L-fucose synthase 1 (GER1)

Product Code	CSB-YP525060DOA
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.	O49213
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MAETIGSEVS SMSDKSAKIF VAGHRGLVGS AIVRKLQEQG FTNLVLKTHA ELDLTRQADV ESFFSQEKPV YVILAAKVG GIHANNTYPA DFIGVNLQIQ TNVIHSAYEH GVKKLLFLGS SCIYPKFAPQ PIPESALLTA SLEPTNEWYA IAKIAGIKTC QAYRIQHGWD AISGMPTNLY GPNDNFHPEN SHVLPALMRR FHEAKVNGAE EVVWVGTGSP LREFLVHDDL ADACVFLLDR YSGLEHVNIG SGQEV TIREL AELVKEVVG F EGKLGWDCTK PDGTPRKLMD SSKLASLGWT PKVSLRDGLS QTYDWYLKNV CNR
Source	Yeast
Target Names	GER1
Protein Names	Recommended name: GDP-L-fucose synthase 1 EC= 1.1.1.271 Alternative name(s): GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase 1 Short name= AtFX Short name= AtGER1
Expression Region	1-323
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.