



Recombinant Escherichia coli GDP-L-fucose synthase (fcl)

Product Code	CSB-MP025200ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P32055
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MSKQRVFIAG HRGMVGS AIR RQLEQRGDVE LVL RTRDELN LLDSRAVHDF FASERIDQVY LAAAKVGGIV ANNTYPADFI YQNMMIESNI IHAHQNDVN KLLFLGSSCI YPKLAKQ PMA ESELLQGTLE PTNEPYAIK IAGIKLCESY NRQYGRDYRS VMPTNLYGPH DNFHPSNSHV IPALLRRFHE ATAQNAPDVV VWGS GTPMRE FLHVDDMAAA SIHVME LAHE VWLENTQPML SHINVTGVD CTIRELAQTI AKVVG YKGRV VFDASKPDGT PRKLLDVTRL HQLGWYHEIS LEAGLASTYQ WFL ENQDRFR G
Source	Mammalian cell
Target Names	fcl
Protein Names	Recommended name: GDP-L-fucose synthase EC= 1.1.1.271 Alternative name(s): GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase
Expression Region	1-321
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.