



Recombinant Anaerobic glycerol-3-phosphate dehydrogenase subunit A (glpA)

Product Code	CSB-EP359277EOD
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.	P0A9C1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MKTRDSQSSD VIIIGGGATG AGIARDCALR GLRVILVERH DIATGATGRN HGLLHSGARY AVTDAESARE CISENQILKR IARHCVEPTN GLFITLPEDD LSFQATFIRA CEEAGISAEA IDPQQARIIE PAVNPALIGA VKVPDGTVDP FRLTAANMLD AKEHGAVILT AHEVTGLIRE GATVCGVRVR NHLTGETQAL HAPVVVNAAG IWGQHIAEYA DLRIRMFPK GSELLIMDHRI NQHVINRCRK PSDADILVPG DTISLIGTTS LRIDYNEIDD NRVTAAEVDI LLREGEKLAP VMAKTRILRA YSGVRPLVAS DDDPSGRNVS RGIVLLDHAERDGLDGFITI TGGKLMYRL MAEWATDAVC RKLGNTRPCT TADLALPGSQ EPAEVTLRKV ISLPAPLRGS AVYRHGDRTP AWLSEGRLHR SLVCECEAVT AGEVQYAVEN LNVNSLLDLR RRTRVGMGTC QGELCACRAA GLLQRFNVTT SAQSIEQLST FLNERWKGVQ PIAWGDALRE SEFTRWVYQG LCGLEKEQKD AL
Source	E.coli
Target Names	glpA
Protein Names	Recommended name: Anaerobic glycerol-3-phosphate dehydrogenase subunit A Short name= G-3-P dehydrogenase EC= 1.1.5.3
Expression Region	1-542
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.