



Recombinant Escherichia coli Aerobic glycerol-3-phosphate dehydrogenase (glpD)

Product Code	CSB-BP320174ENV
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.	P13035
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	METKDLIVIGGGINGAGIAADAAGRGLSVLMLEAQDLACATSSASSKLIHGGLR YLEHYEFRLVSEALAEREVLLKMAPHIAFPMRFRPLPHRPHLRPAWMIRIGLFMY DHLGKRTSLPGSTGLRFGANSVLKPEIKRGFEYSDCWVDDARLVLANAQMVV RKGGEVLTRTRATSARRENLWIVEAEDIDTGKKYSWQARGLVNATGPWVKQ FFDDGMHLPSPYGIRLIKGSHIVVPRVHTQKQAYILQNE DKRIVFVIPWMDEF SII GTTDVEYKGD PKAVKIEESEIN YLLNVYNTHFKKQLSRDDIVWTYSGVRPLCDD ESDSPQAITRDYTLDIHDENGKAPLLSVFGGKLT TYRKLAEHALEKLTPYYQGI GPAWTKESVLPGGAIEGDRDDYAARLRRRYPFLTESLARHYARTYGSNSELL GNAGTVSDLGEDFGHEFYEAELKYLVDHEWVRRADDALWRRTKQGMWLNA DQQSRVSQWLVEYTQQRLSLAS
Research Area	Others
Source	Baculovirus
Target Names	glpD
Protein Names	Recommended name: Aerobic glycerol-3-phosphate dehydrogenase EC=1.1.5.3
Expression Region	1-501aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length
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.