



Recombinant *Geobacillus stearothermophilus* Glycerol-1-phosphate dehydrogenase [NAD (P)+]

Product Code	CSB-EP455307GFM-B
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.	B3EYN8
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MNQTLEEVVS LARQCGCGHR HYDIPIEQMV VGREAFARLV AYLRHKRYER VAIVADDHTF AAVERSLCDQ LENGSIKYTV CLVQPDENGD VIADERSIVQ VLLETPDDVD VLIAVGAGTI HDITRFSSYK MRIPFISVPT APSVDGFTSM GAPLIIRGVK KTIQAQAPIA VFAHTGVLCQ SPKEMIAAGF GDMVAKYTSL ADWQFAHWMA DEPYCPFVHQ LTEQSLQTCV DHIDDIAAGG EQGIRVLMDA LLQSGIAMLL MGQSYSASGA EHLHSHYWEM EFLRQKKRQV LHGAKVGVST PIIIHYQRV FWPLLNELEK RPKSMDEATW ERLKANTASI RELLESLPSP ERIRTMLAKV GGAIPEQLG IDPQLVERSL REAHLRLNR FTMLYFLNEL IFVE
Source	E.coli
Target Names	egsA
Protein Names	Recommended name: Glycerol-1-phosphate dehydrogenase [NAD(P)+] Short name= G1P dehydrogenase Short name= G1PDH EC= 1.1.1.261 Alternative name(s): Enantiomeric glycerophosphate synthase sn-glycerol-1-phosphate dehydrogenase
Expression Region	1-404
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.