





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

Product Code         CSB-YP455307GFM           Relevance         Catalyzes the NAD(P)H-dependent reduction of dihydroxyacetonephosphate (DHAP or glycerone phosphate) to glycerol 1-phosphate (G1P). The G1P thus generated is probably used for the synthesis of phosphoglycerolipids in Grampositive bacterial species.           Abbreviation         Recombinant Geobacillus stearothermophilus egsA protein           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           Alias         Enantiomeric glycerophosphate synthase sn-glycerol-1-phosphate dehydrogenase           Product Type         Recombinant Protein           Immunogen Species         Geobacillus stearothermophilus (Bacillus stearothermophilus)           Purity         Greater than 90% as determined by SDS-PAGE.           Sequence         MNQTLEEVVSLARQCGCGHRHYDIPIEQMVVGREAFARLVAYLRHKRYERVAI VADDHTFAAVERSLCOQLENGSIRYTVCLVQPDENGDVIADERSINQVULLETPD DVDVLIAVGAGTIHDITRFSSYKMRIPFISVPTAPSVDGFTSMGAPLIIRGVKKTI QAQAPIAVFAHTGVLCQSPKEMIAAGFGDMVAKYTSLADWGFAHWMADEPY CPFVHOLTEGSLQTCVDHIDDIAAGGGGIRVALDALLQSGIAUMGAPEQLGIDPQ LVERSLREAHRLRLNRFTMLYFLNELIFVE           Research Area         others           Source         Yeast           Target Names         egsA           Protein Names         Recommended name: Glycerol-1-phosp		
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	Notes	



## **CUSABIO TECHNOLOGY LLC**





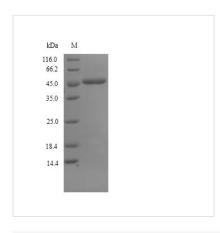


### Tag Info N-terminal 6xHis-tagged

#### Mol. Weight 47.4kDa

## **Protein Length** Full Length

# **Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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

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