

Glycerol-1-phosphate dehydrogenase [NAD(P)+] Recombinant Protein | egsA recombinant protein

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

CATALOG # AAA114501	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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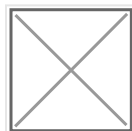
PRODUCT SYNONYMS

Glycerol-1-phosphate dehydrogenase [NAD(P)+]; Recombinant Geobacillus stearothermophilus (Bacillus stearothermophilus) Glycerol-1-phosphate dehydrogenase [NAD(P)+]; Enantiomeric glycerophosphate synthase; sn-glycerol-1-phosphate dehydrogenase; egsA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-404. Full Length
Sequence	MNQTLEEVVS LARQCGCGHR HYDPIEQMV VGREAFARLV AYLRHKRYER VAIVADDHTF AAVERSLCDQ LENGSIRYTV CLVQPDENGD VIADERSIVQ VLLETPDDVD VLIAVGAGTI HDITRFSSYK MRIPFISVPT APSVDGFTSM GAPLIIRGVK KTIQAQAPIA VFAHTGVLCQ SPKEMIAAGF GDMVAKYTSL ADWQFAHWMA DEPYCPFVHQ LTEQSLQTCV DHIDDIAAGG EQGIRVLM DA LLQSGIAMLL MGQSYSASGA EHHLSHYWEM EFLRQKKRQV LHGAKVGST PIIIEHYQRV FWPLLNELEK RPKSMDEATW ERLKANTASI RELLESPLSP ERIRTMLAKV GGAIAPQLG IDPQLVERSL REAHLRLNR FTMPLYFLNEL IFVE
Species	Geobacillus stearothermophilus (Bacillus stearothermophilus)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for egsA recombinant protein	Catalyzes the NAD(P)H-dependent reduction of dihydroxyacetonephosphate (DHAP or glyceraldehyde phosphate) to glycerol 1-phosphate (G1P). The G1P thus generated is probably used for the synthesis of phosphoglycerolipids in Gram-positive bacterial species.
References	"Hemicellulose utilization cluster in Geobacillus stearothermophilus strain T-6." Shoham Y., Shulami S., Ben-David A., Langut Y. Submitted (JUN-2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	206557947
UniProt Accession #	B3EYN8

Molecular Weight	47.4 kDa
NCBI Official Full Name	Glycerol-1-phosphate dehydrogenase
UniProt Protein Name	Glycerol-1-phosphate dehydrogenase [NAD(P)+]
UniProt Gene Name	egsA
UniProt Synonym Gene Names	G1P dehydrogenase; G1PDH
UniProt Entry Name	G1PDH_GEOSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/egsa-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114501>