



Recombinant *Geobacillus stearothermophilus* Glyceraldehyde-3-phosphate dehydrogenase (gap)

Product Code	CSB-EP009232GFM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00362
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	>85% (SDS-PAGE)
Sequence	AVKVGINGF GRIGRNVFRA ALKNPDIEVV AVNDLTDANT LAHLLKYDSV HGRLDAEVS SV NGNNLVVNGK EIVKAERDP ENLAWGEIGV DIVVESTGRF TKREDAAKHL EAGAKKVIIS APAKNEDITI VMGVNQDKYD PKAHHVISNA SCTTNCLAPF AKVLHEQFGI VRGMMTTVHS YTNDQRILD L PHKDLRRARA AAESIIP TTT GAAKAVALVL PELKGKLN GM AMRVPTPNVS VVDLVAELEK EVTVEEVNAA LKAAAEGELK GILAYSEEPL VSRDYNGSTV SSTIDALSTM VIDGKMVKVV SWYDNETGYS HRVVDLAAYI ASKGL
Source	E.coli
Target Names	gap
Protein Names	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase Short name= GAPDH EC= 1.2.1.12
Expression Region	2-335
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 of Mature 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.