



Recombinant *Sulfolobus solfataricus* Glyceraldehyde-3-phosphate dehydrogenase (gap)

Product Code	CSB-EP009232FPM-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P39460
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus solfataricus</i> (strain ATCC 35092 / DSM 1617 / JCM 11322 / P2)
Purity	>85% (SDS-PAGE)
Sequence	MINVAVNGYG TIGKRVADAI IKQPDMKLVG VAKTSPNYEA FIAHRRGIRI YVPQQSIKKF EESGIPVAGT VEDLIKTS DI VVDTPPNGVG AQYKPIYLQL QRNAIFQGGG KAEVADISFS ALCNYNEALG KKYIRVVSCN TTALLRTICT VNVKSKVEKV RATIVRRAAD QKEVKKGPIN SLVPDPATVP SHHAKDVNSV IRNLDIATMA VIAPTTLMHM HFINITLKDK VEK KDILSVL ENTPRIVLIS SKYDAEATAE LVEVARDLKR DRNDIPEVMI FSDSIYVKDD EVMLMYAVHQ ESIVVPENID AIRASMKLMS AEDSMRITNE SLGILKGYLI
Source	E.coli
Target Names	gap
Protein Names	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase Short name= GAPDH EC= 1.2.1.59 Alternative name(s): NAD(P)-dependent glyceraldehyde-3-phosphate dehydrogenase
Expression Region	1-340
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.