



Recombinant Streptococcus pyogenes Glyceraldehyde-3-phosphate dehydrogenase (gap)

Product Code	CSB-EP009232SMR
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C0G6
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes
Purity	>85% (SDS-PAGE)
Sequence	VVKVGINGF GRIGRLAFRR IQNIEGVEVT RINDLTDPNM LAHLLKYDTT QGRFDGTVEV KEGGFVNGN FIKVSAERDP ENIDWATDGV EIVLEATGFF AKKEAAEKHL HANGAKKVI TAPGGNDVKT VVFNTNHDIL DGTETVISGA SCTTNCLAPM AKALHDAFGI QKGLMTTIHA YTGDMILDG PHRGGDLRRA RAGAANIVPN STGAAKAI GLVIPENGLKLD GAAQRVPVPT GSVTELVVTL DKNVSVDEIN SAMKAASNDS FGYTEDPIVS SDIVGVSYGS LFDATQTKVM EVDGSQLVKV VSWYDNEMSY TAQLVRTLEY FAKIAK
Source	E.coli
Target Names	gap
Protein Names	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase Short name= GAPDH EC= 1.2.1.12 Alternative name(s): Plasmin receptor Plasminogen-binding protein
Expression Region	2-336
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.