



Recombinant *Synechocystis* sp. Glyceraldehyde-3-phosphate dehydrogenase 2 (gap2)

Product Code	CSB-EP305307SSQ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P80505
Product Type	Recombinant Protein
Immunogen Species	<i>Synechocystis</i> sp. (strain PCC 6803 / Kazusa)
Purity	>85% (SDS-PAGE)
Sequence	TRVAINGFG RIGRNFLRCW LGRTDSQLEV VGINDTSDPR TNAHLLRYDS MLGKLDADIS ADENSITVNG KTIKCVSDRN PLNLPWAEWN VDLVIEATGV FVTHEGATKH VQAGAKKVLITAPGKGPNI GTYVVGVNAHE YKHEEYEVIS NASCTTNCLA PFGKVINDNF GIIKGTMTT HSYTGDQRIL DASHRDLRRA RAAVNIVPT STGAAKAVAL VIPELQGKLN GIALRVPTPN VSVVDLVVQV EKNTIAEQVN GVLKEAANTS LKGVLEYTDL ELVSSDFRGT DCSSTVDGSL TMVMGGDMVK VIAWYDNEWG YSQRVVDLAE IVAKNWK
Source	E.coli
Target Names	gap2
Protein Names	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase 2 EC=1.2.1.59 Alternative name(s): GAPDH 2 Short name= GAP-2 NAD(P)-dependent glyceraldehyde-3-phosphate dehydrogenase
Expression Region	2-337
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.