



Recombinant Spinacia oleracea Glyceraldehyde-3-phosphate dehydrogenase A, chloroplastic (GAPA)

Product Code	CSB-EP323979FKI
Storage	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.
Uniprot No.	P19866
Product Type	Recombinant Protein
Immunogen Species	Spinacia oleracea (Spinach)
Purity	>85% (SDS-PAGE)
Sequence	KLKVA INGFRIGRN FLRCWHGRKD SPLDVVVIND TGGVKQASHL LKYDSILGTF DADVKTAGDS AISVDGKVIK VVSDRNPVNL PWGDMGIDL IEGTGVFVDR DGAGKHLQAG AKKVLITAPG KGDIPTYVVG VNEEGYTHAD TIISNASCTT NCLAPFVKVL DQKFGIIGT MTTTHSYTGD QRLLDASHRD LRRARAACLN IVPTSTGAAK AVALVLPNLK GKLNGIALRV PTPNVSVDL VVQVSKTFA EEVNAAFRES ADNELKGILS VCDEPLVSID FRCTDVSSTI DSSLTMVMGD DMVKVIAWYD NEWGYSQRVV DLADIVANKW Q
Source	E.coli
Target Names	GAPA
Protein Names	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase A, chloroplastic EC= 1.2.1.13 Alternative name(s): NADP-dependent glyceraldehydephosphate dehydrogenase subunit A
Expression Region	66-401
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.