



Recombinant Arabidopsis thaliana D-glycerate 3-kinase, chloroplastic (GLYK)

Product Code	CSB-EP850062DOA-B
Abbreviation	GLYK
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.	Q944I4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	SSYLSSKLSPIRTHSSFAACGCSWIQDNSMVHDYATTTNGTSKRCSALPTTNT VDVSSVSDLFEFICSGPLVKNIGITPQRVGGQSIDKWLLYGSQLCRLFQLNELKLT IPQKARLYHYIYIPVFIWCEDQIALHNSKFKDGDVPLVIGFSAPQGCGKTTLVF ALDYLFKTTKKSATISVDDFYLTAEQAE LRKKNPGNALLEYRGNAGSHDLKL SVETLEALSKLTKEGLKMKVPRYNKSAYSGRGDRADSSTWPEVEGPLSVILFE GWMLGFKPLPADVVKAVDPQLEVVNKNLEAYYDAWDKYIDAWVVIKIQDPSYV YRWRLQAEIAMRQDQGAGMSDEEVNDFVSRYPAYKAYLPTLYAEGPSGSD PDRVLAIIDEERNPILAN
Source	E.coli
Target Names	GLYK
Protein Names	Recommended name: D-glycerate 3-kinase, chloroplastic Short name= AtGLYK EC= 2.7.1.31
Expression Region	64-456aa
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.