



Recombinant Escherichia coli Arabinose 5-phosphate isomerase GutQ (gutQ)

Product Code	CSB-EP321503ENV
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.	P17115
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	SEALLNAGR QTLMLELQEA SRLPERLGDD FVRAANIILH CEGKVVVSGI GKSGHIGKKI AATLASTGTP AFFVHPAEAL HGDLGMIESR DVMLFISYSG GAKELDLIIP RLEDKSIALL AMTGKPTSPL GLAAKAVLDI SVEREACPMH LAPTSSTVNT LMMGDALAMA VMQARGFNEE DFARSHPAGA LGARLLNKVH HLMRRDDAIP QVALTASVMD AMLELSRTGL GLVAVCDAQQ QVQGVFTDGD LRRWLVGGA LTPVNEAMT VGGTTLQSQS RAIDAKEILM KRKITAAPVV DENGKLTGAI NLQDFYQAGI I
Source	E.coli
Target Names	gutQ
Protein Names	Recommended name: Arabinose 5-phosphate isomerase GutQ Short name= API Short name= G-API EC= 5.3.1.13 Alternative name(s): Phosphosugar aldol- ketol isomerase
Expression Region	2-321
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.