



Recombinant Prochlorococcus marinus 3-dehydroquinase (aroB)

Product Code	CSB-EP420457PZD
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.	A8G451
Product Type	Recombinant Protein
Immunogen Species	Prochlorococcus marinus (strain MIT 9215)
Purity	>85% (SDS-PAGE)
Sequence	MNKRKILVPL GEKSYEVTLE AGILNNISEE LLKIGITKKR KILVISNEEI SNLYGKKFLN NLKDNKFQAK MFLIKAGESY KNLKTLSEIY DVAFEFGLDR NSIIIALGGG IVGDVSGFAA ATWLRGIEYI QIPTLLSMV DSSVGGKTGV NHPKGKNLIG AFNQP KAVFI DPETLKSLPK REFSAGMAEV IKYGVIRDKE LFEYLEIDKN KNELINLKNE YLIKIINSSI KTKSHVVSQD EHENGVRIL NYGHSFGHVI ENLCGYGKFL HGEAISIGMN IAGKIAIEKG LWSKEELERQ RVLLESYDLP TEIPKINKED VLTILMGDKK VRDGMRFIL PKEIGAVDIY DDVEDSLFLK FFS
Source	E.coli
Target Names	aroB
Protein Names	Recommended name: 3-dehydroquinase EC= 4.2.3.4
Expression Region	1-363
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 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.