



Recombinant *Gloeobacter violaceus* 3-dehydroquinase (aroQ)

Product Code	CSB-YP762887GCI
Abbreviation	aroQ
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.	Q7NHU3
Product Type	Recombinant Protein
Immunogen Species	<i>Gloeobacter violaceus</i> (strain PCC 7421)
Purity	>85% (SDS-PAGE)
Sequence	MPIAASLRVL LLNGPNLSLL GRREVDVYGT VTLADIERTL QLDAQDL DVE LSCLQSNHEG VLIDAIHDAF GRCDGLVINP GGLTHTSVAL RDAIAGVGLP TVEVHMSNVY RRESFRHHSF IAPVAVGQIS GFGADSYRLG LRAIALFLRR RAEQDEGPCR
Source	Yeast
Target Names	aroQ
Protein Names	Recommended name: 3-dehydroquinase Short name= 3-dehydroquinase EC= 4.2.1.10 Alternative name(s): Type II DHQase
Expression Region	1-160
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.