Recombinant Escherichia coli O6:K15:H31 3-dehydroquinate dehydratase (aroD)

Product Code	CSB-YP610685EGY
Abbreviation	aroD
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.	Q0THD6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKTVTVKDLV IGTGAPKIIV SLMAKDIASV KSEALAYREA DFDILEWRVD HYADLSNVES VMAAAKILRE TMPEKPLLFT YRSAKEGGEQ AISTEAYIAL NRAAIDSGLV DMIDLELFTG DDQVKETVAY AHAHDVKVVM SNHDFHKTPE AEEIIARLRK MQSFDADIPK IALMPQSTSD VLTLLAATLE MQEQYADRPI ITMSMAKTGV ISRLAGEVFG SAATFGAVKK ASAPGQISVN DLRTVLTILH QA
Source	Yeast
Target Names	aroD
Protein Names	Recommended name: 3-dehydroquinate dehydratase Short name= 3-dehydroquinase EC= 4.2.1.10 Alternative name(s): Type I DHQase
Expression Region	1-252
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.