



Recombinant 3-dehydroquinate dehydratase (aroD)

Product Code	CSB-YP726329SMZ
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.	Q5XCT7
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MRIVAPVMMPR HFDEAQAIID SKYEDVNLIE WRADFLPKDE IVAVAPAI FE KFAGKEIIFT LRTVQEGGNI TLSSQEYVDI IKEINAIYNP DYIDFEYFTH KSVFQEMLDF PNLILSYHNF EETPENLMEA FSEMTKLAPR VVKIAVMPQS EQDVLDMNY TRGFKTLNPE QEFATISM GK LGRLSRFAGD VIGSSWTYVS LDHVSGPGQV TLNDMKRIIE VLEMDISN
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	1-228
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.