



Recombinant Nitrosomonas europaea Shikimate dehydrogenase (aroE)

Product Code	CSB-EP767699NHH-B
Abbreviation	aroE
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.	Q82U74
Product Type	Recombinant Protein
Immunogen Species	Nitrosomonas europaea (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
Purity	>85% (SDS-PAGE)
Sequence	MDTYAVIGNP VAHSKSPFIH ARFAQQTGRI IHYTALLAPL DRFEQTVLDF RKTGGKGMNI TVPFKFEAFT LASRLTDRAS AARAVNTFRF EETGEILGDN TDGVGLIRDI EVNLNFPLAG KRILLMGAGG AASGVILPLL QQQPDLLAIA NRTPDKAVSL QRQFASYSNI TTGHYHDFAG QHFDLIINAT SASLHNELPP VPADLFRNAF AYDMLYSSRL TPFLELARVQ GAGYLADGAG MLVEQAAESF LLWHGIRPET QTVIRQLRDN LRHPTS
Source	E.coli
Target Names	aroE
Protein Names	Recommended name: Shikimate dehydrogenase EC= 1.1.1.25
Expression Region	1-276
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.