



Recombinant Escherichia coli O6:K15:H31 2-succinyl-5-enolpyruvyl-6-hydroxy-3-cyclohexene-1-carboxylate synthase (menD)

Product Code	CSB-BP609810EGY
Abbreviation	menD
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.	Q0TFH7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MSVSAFNRRW AAVILEALTR HGVRHICIAP GSRSTPLTLA AAENSAFIHH THFDERGLGH LALGLAKVSK QPVAVIVTSG TAVANLYPAL IEAGLTGEKL ILLTADRPPE LIDCGSNQAI RQPGMFASHP THSISLPRPT QDIPARWLVS TIDHALGTLH AGGVHINCPF AEPLYGEMDD TGISWQQRLG DWWQDDKPWL REAPRRESEK QRDWFFWRQK RGVVVAGRMS AEEGKKVALW AQTLGWPLIG DVLSQTGQPL PCADLWLGNA KATSELQQAQ IVVQLGSSLT GKRLQWQAS CEPEEYWIVD DIEGRDPAH HRGRRLIANI ADWLELHPAE KRQPWCVEIP RLAEQAMQAV IARRDAFGEA QLAHRISDYL PEQGQLFVGN SLVVRLIDAL SQLPAGYPVY SNRGASGIDG LLSTAAGVQR ASGKPTLAIV GDLSALYDLN ALALLRQVSA PLVLIVVNNN GGQIFSLIPT PKSERERFYL MPQNVHFEHA AAMFELKYHR PQNWQELETT LVDAWRTPTT TVIEMVVNDT DGAQTLQQLL AQVSHL
Source	Baculovirus
Target Names	menD
Protein Names	Recommended name: 2-succinyl-5-enolpyruvyl-6-hydroxy-3-cyclohexene-1-carboxylate synthase Short name= SEPHCHC synthase EC= 2.2.1.9 Alternative name(s): Menaquinone biosynthesis protein MenD
Expression Region	1-556
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.