



Recombinant Escherichia coli O81 2-keto-4-pentenoate hydratase (mhpD)

Product Code	CSB-EP484453EOP
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.	B7MPB7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O81 (strain ED1a)
Purity	>85% (SDS-PAGE)
Sequence	MTKHTLEQLA ADLRRAAEQG EAIAPLRDLI GIDNAEAAYV ILHINVQYDV AQGRRVVGGRK VGLTHPKVQQ QLGVDQPDFG TLFADMCYGD NETIPFSRVL QPRIEAEIAL VLNRDLPATD ITFDELYNAI EWWLPALVV GSRIRDWSIQ FVDTVADNAS CGVYVIGGPA QRPAGLDLKN CAMKMTRNNE EVSSGRGSEC LGHPLNAAVW LARKMASLGE PLRAGDIILT GALGPMVAVN AGDRFEAHIE GIGSVAATFS SAAPKGSLS
Source	E.coli
Target Names	mhpD
Protein Names	Recommended name: 2-keto-4-pentenoate hydratase EC= 4.2.1.80 Alternative name(s): 2-hydroxypentadienoic acid hydratase
Expression Region	1-269
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.