



Recombinant Escherichia coli 2-methylcitrate dehydratase (prpD)

Product Code	CSB-EP300579ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77243
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	SAQINNIRP EFDREIVDIV DYVMNYEISS KVAAYDTAHCY LLDTLGCGLE ALEYPACKKL LGPIVPGTVV PNGVRVPGTQ FQLDPVQAAF NIGAMIRWLD FNDTWLAAEW GHPSDNLGGI LATADWLSRN AVASGKAPLT MKQVLTAMIK AHEIQGCIAL ENSFNRVGLD HVLLVKVAST AVVAEMLGLT REEILNAVSL AWVDGQSLRT YRHAPNTGTR KSWAAGDATS RAVRLALMAK TGEMGYPSAL TAPVWGFYDV SFKGESFRFQ RPYGSYVMEN VLFKISFPAE FHSQTAVEAA MTLYEQMCAA GKTAADIEKV TIRTHEACIR IIDKKGPLNN PADRDHCIQY MVAIPLLFGR LTAADYEDNV AQDKRIDALR EKINCFEDPA FTADYHDPEK RAIANAITLE FTDGTRFEEV VVEYPIGHAR RRQDGIPKLV DKFKINLARQ FPTRQQQRIL EVSLDRARLE QMPVNEYLDL YVI
Source	E.coli
Target Names	prpD
Protein Names	Recommended name: 2-methylcitrate dehydratase EC= 4.2.1.79
Expression Region	2-483
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 of Mature 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.