



# Recombinant Escherichia coli 2-methylcitrate dehydratase (prpD)

<b>Product Code</b>	CSB-MP300579ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P77243
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SAQINNIRP EFDREIVDIV DYVMNYEISS KVAAYDTAHC 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 MTLYEQMQAA GKTAADIEKV TIRTHEACIR IIDKKGPLNN PADRDHCIQY MVAIPLLFGR LTAADYEDNV AQDKRIDALR EKINCFEDPA FTADYHDPEK RAIANAITLE FTDGTRFEEV VVEYPIGHAR RRQDGIPKLV DKFKINLARQ FPTRQQQRIL EVSLDRARLE QMPVNEYLDL YVI
<b>Source</b>	Mammalian cell
<b>Target Names</b>	prpD
<b>Protein Names</b>	Recommended name: 2-methylcitrate dehydratase EC= 4.2.1.79
<b>Expression Region</b>	2-483
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.