



Recombinant Escherichia coli D-malate dehydrogenase [decarboxylating] (dmIA)

Product Code	CSB-EP302013ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P76251
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MMKTMRIAAI PGDGIGKEVL PEGIRVLQAA AERWGFALSF EQMEWASCEY YSHHGKMPD DWHEQLSRFD AIYFGAVGWP DTVPDHISLW GSKLKFREF DQYVNLRPVR LFPGVPCPLA GKQPGDIDFY VVRENTEGEY SSLGGRVNEG TEHEVVIQES VFTRRGVDRI LRYAFELAQS RPRKTLTSAT KSNGLAISMP YWDERVEAMA ENYPEIRWDK QHIDILCARF VMQPERFDVV VASNLFGDIL SDLGPACTGT IGIAPSANLN PERTFPSLFE PVHGSAPDIY GKNIANPIAT IWAGAMMLDF LGNGDERFQQ AHNGILAAIE EVIAHGPKTP DMKGNATTPQ VADAICKIIL R
Source	E.coli
Target Names	dmIA
Protein Names	Recommended name: D-malate dehydrogenase [decarboxylating] EC= 1.1.1.83 Alternative name(s): D-malate degradation protein A D-malate oxidase
Expression Region	1-361
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.