



Recombinant Dihydrolipoyl dehydrogenase (IpdA)

Product Code	CSB-EP006928EOD-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0A9P2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	<p>STEIKTQVV VLGAGPAGYS AAFRCADLGL ETVIVERYNT LGGVCLNVGC IPSKALLHVA KVIEEAKALA EHGIVFGEPK TDIDKIRTWK EKVINQLTGG LAGMAKGRKV KVVNGLGKFT GANTLEVEGE NGKTVINFDN AIIAAGSRPI QLPFIPHEDP RIWDSTDALE LKEVPERLLV MGGGIIGLEM GTVYHALGSQ IDVVEMFDQV IPAADKDIVK VFTKRISKKF NLMLETKVTA VEAKEDGIYV TMEGKKAPAE PQRYPDAVLVA IGRVPNGKNL DAGKAGVEVD DRGFIRVDKQ LRTNVPHIFA IGDIVGQPML AHKGVHEGHV AAEVIAGKKH YFDPKVIPSI AYTEPEVAWV GLTEKEAKEK GISYETATFP WAASGRAIAS DCADGMTKLI FDKESHRVIG GAIVGTNGGE LLGEIGLAIE MGCD AEDIAL TIHAHPTLHE SVGLAAEVFE GSITDLPNPK AKKK</p>
Source	E.coli
Target Names	IpdA
Protein Names	Recommended name: Dihydrolipoyl dehydrogenase EC= 1.8.1.4 Alternative name(s): Dihydrolipoamide dehydrogenase E3 component of pyruvate and 2-oxoglutarate dehydrogenases complexes Glycine cleavage system L protein
Expression Region	2-474
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.