



# Recombinant Escherichia coli Dihydrolipoyl dehydrogenase (IpdA)

<b>Product Code</b>	CSB-EP006928ENV-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P0A9P0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	IpdA
<b>Protein Names</b>	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
<b>Expression Region</b>	2-474
<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.