



Recombinant D-erythrose-4-phosphate dehydrogenase (epd)

Product Code	CSB-EP371888EJE
Storage	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.
Uniprot No.	A1AFB1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	>85% (SDS-PAGE)
Sequence	TVRVAINGF GRIGRNVVRA LYESGRRAEI TVVAINELAD AAGMAHLLKY DTSHGRFAWE VRQERDQLFV GDDAIRVLHE RSLQSLPWRE LGVDVVLDC GVYGSREHGE AHIAAGAKKV LFSHPGSNDL DTTVVYGVNQ DQLRAEHRIV SNASCTTNCI IPVIKLLDDA YGIESGTVTT IHSAMHDQQV IDAYHPDLRR TRAASQSIIP VDTKLAAGIT RFFPQFNDRF EAIAVRVPTI NVTAILDSVT VKKPKANEV NLLLQKAAQG AFHGIVDYAE LPLVSVDFNH DPHSAIVDGT QTRVSGAHLI KTLVWCDNEW GFANRMLDTT LAMATVAFR
Source	E.coli
Target Names	epd
Protein Names	Recommended name: D-erythrose-4-phosphate dehydrogenase Short name= E4PDH EC= 1.2.1.72
Expression Region	2-339
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.