



Recombinant Escherichia coli O7:K1 D-erythrose-4-phosphate dehydrogenase (epd)

Product Code	CSB-EP482894EON-B
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.	B7NHY6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTVRVAINGF GRIGRNVVRA LYESGRRAEI TVVAINELAD AAGMAHLLKY DTSHGRFAWE VRQERDQLFV GDDAIRVLHE HSLQSLPWRE LGVDVVLDC GVYGSREHGE AHIAAGAKKV LFSHPGSNDL DATVVYGVNQ DQLRAEHRIV SNASCTTNCI IPVIKLLDDA YGIESGTVTT IHSAMHDQQV IDAYHPDLRR TRAASQSIIP VDTKLAAGIT RFFPQFNDRF EAIAVRVPTI NVTAILDSVT VKKPKANEV NLLLQKAAQG AFHGIVDYTE 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	1-339
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 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.