

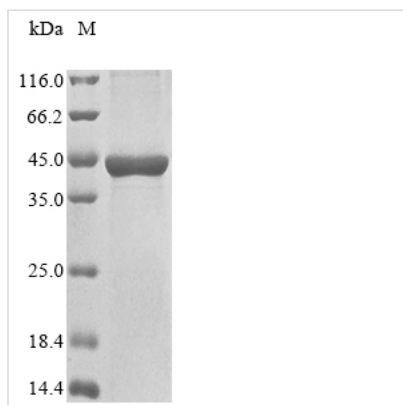


# Recombinant Aeromonas hydrophila subsp. hydrophila D-erythrose-4-phosphate dehydrogenase (epd)

<b>Product Code</b>	CSB-EP367173AUH
<b>Abbreviation</b>	Recombinant Aeromonas hydrophila subsp. hydrophila epd protein
<b>Storage</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.
<b>Uniprot No.</b>	A0KGD2
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Aeromonas hydrophila subsp. hydrophila (strain ATCC 7966 / DSM 30187 / JCM 1027 / KCTC 2358 / NCIMB 9240)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	MIKIAINGYGRIGRNVLRLYESGRDKNIKIVAINELAAPEAMVHLTRFDTSHGR FHHPVQLAGNSMLVGEDLISLFAERDPSRLPWRALGVDVVLDCGTGVFGSRAD AELHLAAGAGKVLFSHPAEADVDAITVYGVNHQVLTGRERIVSNASCTTNCVV PVIETLHREFEINCGTITTIHSAMHDQQVIDAYHSDLRRTRAASQSIIPVDTKLAK GLERILPHFAGKFEEIAVRVPTINVTAMDLSITVRKKVTVTDVNQALQRASRGTL SGILDYTEEPLVSVDFNHDHSCIIDGTQTRVSDANLVKMLMWCDNEWGFAN RMLDTTRAMMAAG
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	epd
<b>Protein Names</b>	Recommended name: D-erythrose-4-phosphate dehydrogenase Short name= E4PDH EC= 1.2.1.72
<b>Expression Region</b>	1-336aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	44.3 kDa
<b>Protein Length</b>	Full Length



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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.