

## D-erythrose-4-phosphate dehydrogenase (epd) Recombinant Protein | epd recombinant protein

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

CATALOG #  
AAA114320

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

D-erythrose-4-phosphate dehydrogenase (epd); Recombinant Aeromonas hydrophila subsp. hydrophila D-erythrose-4-phosphate dehydrogenase (epd); epd recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                      |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                               |
| Sequence Positions      | 1-336, Full length protein                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                | MIKIAINGYG RIGRNVLRAL YESGRDKNIK IVAINELAAP EAMVHLTRFD TSHGRFHHPV QLAGNSMLVG<br>EDLISLFAER DPSRLPWRAL GVDVVLDCGT VFGSRADAEL HLAAGAGKVL FSHPAEADVD ATIVYGVNHQ<br>VLTGRERIVS NASCTTNCVV PVIETLHREF EINC GTITTI HSAMHDQQVI DAYHSDLRRT RAASQSIIPV<br>DTKLAKGLER ILPHFAGKFE AIAVRVPTIN VTAMDLSITV RKKVTVDVN QALQRASRG T LSGILDYTEE<br>PLVSVD FNHD AHSCIDGTQ TRVSDANLVK MLMWCDNEWG FANRMLDTTR AMMAAG |
| Sequence Length         | 336                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                 | Aeromonas hydrophila subsp. hydrophila (strain 7966 / NCIB 9240)                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                            |

### NCBI AND UNIPROT INFORMATION

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| NCBI GI #                  | <a href="#">498320891</a>                           |
| NCBI GeneID                | <a href="#">4487940</a>                             |
| NCBI Accession #           | <a href="#">WP_010635047.1</a>                      |
| NCBI GenBank Nucleotide #  | <a href="#">WP_010635047.1</a>                      |
| UniProt Accession #        | <a href="#">A0KGD2</a>                              |
| Molecular Weight           | 36,832 Da                                           |
| NCBI Official Full Name    | MULTISPECIES: D-erythrose-4-phosphate dehydrogenase |
| NCBI Official Symbol       | epd                                                 |
| NCBI Protein Information   | erythrose 4-phosphate dehydrogenase                 |
| UniProt Protein Name       | D-erythrose-4-phosphate dehydrogenase               |
| UniProt Gene Name          | <b>epd</b>                                          |
| UniProt Synonym Gene Names | E4PDH                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/epd-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114320>