# Recombinant Escherichia coli Erythronate-4-phosphate dehydrogenase (pdxB)

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| **Product Code** | CSB-EP509257ENU |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.** | C4ZVL3 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Escherichia coli (strain K12 / MC4100 / BW2952) |
| **Purity** | >85% (SDS-PAGE) |
| **Sequence** | MKILVDENMP YARDLFSRLG EVTAVPGRPI PVAQLADADA LMVRSVTKVN ESLLAGKPIK FVGTATAGTD HVDEAWLKQA GIGFSAAPGC NAIAVVEYVF SSLLMLAERD GFSLYDRTVG IVGVGNVGRR LQARLEALGI KTLLCDPPRA DRGDEGDFRS LDELVQRADI LTFHTPLFKD GPYKTLHLAD EKLIRSLKPG AILINACRGA VVDNTALLTC LNEGQKLSVV LDVWEGEPEL NVELLKKVDI GTSHIAGYTL EGKARGTTQV FEAYSKFIGH EQHVALDTLL PAPEFGRITL HGPLDQPTLK RLVHLVYDVR RDDAPLRKVA GIPGEFDKLR KNYLERREWS SLYVICDDAS AASLLCKLGF NAVHHPAR |
| **Source** | E.coli |
| **Target Names** | pdxB |
| **Protein Names** | Recommended name: Erythronate-4-phosphate dehydrogenase EC= 1.1.1.290 |
| **Expression Region** | 1-378 |
| **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. |
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