



Recombinant Escherichia coli O139:H28 3-phenylpropionate-dihydrodiol/cinnamic acid-dihydrodiol dehydrogenase (hcaB)

| | |
|--------------------------|---|
| Product Code | CSB-EP421965EJD-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. | A7ZPY4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O139:H28 (strain E24377A / ETEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MSDLHNESIF ITGGGSLGL ALVERFIEEG AQVATLELSA AKVASLRQRF GEHILAVEGN VTCYADYQRA VDQILTRSGK LDCFIGNAGI WDHNASLVNT PAETLETGFH ELFNVNVLGY LLGAKACAPA LIASEGSMIF TLSNAAWYYPG GGGPLYTASK HAATGLIRQL AYELAPKVRV NGVGPCGMAS DLRGPQALGQ SETSIMQSLT PEKIAAILPL QFFPQPADFT GPYVMLASRR NNRALSGVMI NADAGLAIRG IRHVAAGLDL |
| Source | E.coli |
| Target Names | hcaB |
| Protein Names | Recommended name: 3-phenylpropionate-dihydrodiol/cinnamic acid-dihydrodiol dehydrogenase EC= 1.3.1.87 Alternative name(s): 2,3-dihydroxy-2,3-dihydrophenylpropionate dehydrogenase 3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)propanoate de |
| Expression Region | 1-270 |
| 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. |