



Recombinant 3-phenylpropionate-dihydrodiol/cinnamic acid-dihydrodiol dehydrogenase (hcaB)

Product Code	CSB-EP767949SZB-B
Abbreviation	hcaB
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.	Q83QJ8
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MSDLHNESIF ITGGGSGGLGL ALVERFIEEG AQVATLELSA AKVASLRQRF GEHILAVEGN VTCYADYQRA VDQILTRSGK LDCFIGNAGI WDHNASLVNT PAETLETGFH ELFNVNVLGY LLGAKACAPA LIASEGSMIF TLSNAAWYPG GGGPLYTTSK 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.