



Recombinant Escherichia coli 3-phenylpropionate/cinnamic acid dioxygenase ferredoxin--NAD (+) reductase component

Product Code	CSB-EP304392ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77650
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKEKTIIVG GGQAAAMAAA SLRQQGFTGE LHLFSDERHL PYERPPLSKS MLLEDSPQLQ QVLPANWWQE NNVHLHSGVT IKTLGRDTRE LVLTN GESWH WDQLFIATGA AARPLPL LDA LGERCFTLRH AGDAARLREV LQPERSVII GAGTIGLELA ASATQRRCKV TVIELAATVM GRNAPPVQR YLLQRHQQAG VRILLNNAIE HVVDGEKVEL TLQSGETLQA DVVIYGIGIS ANEQLAREAN LDTANGIVID EACRTCDAI FAGGDVAITR LDNGALHRCE SWENANNQAQ IAAAAMLGLP LPLLPPWFW SDQYSDNLQF IGD MRGDDWL CRGNPETQKA IWFNLQNGVL IGAVTLNQGR EIRPIRKWIQ SGKTFDAKLL IDENIALKSL
Source	E.coli
Target Names	hcaD
Protein Names	Recommended name: 3-phenylpropionate/cinnamic acid dioxygenase ferredoxin--NAD(+) reductase component EC= 1.18.1.3 Alternative name(s): Digoxigenin system ferredoxin--NAD(+) reductase component
Expression Region	1-400
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.