



Recombinant Escherichia coli O17:K52:H18 3-phenylpropionate/cinnamic acid dioxygenase ferredoxin--NAD (+) reductase component

Product Code	CSB-EP484562EOG
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.	B7N6C9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKEKTIIVG GGQAAAMAAA SLRQQGFTGE LHLFSDERHL PYERPPLSKS MLLEDSPQLQ QVLPANWWQE NNVHLHSGVT IKSLGRDTRE LVLNNGESWQ WDQLFMATGA AARPLPLLDL LGERCFTLRH ADDAARLREV LQPERSVVIV GAGTIGLELA ASATQRGCKV TVIELAATVM GRNAPPVQR YLLQRHQQAG VRILLNNAIE HVVDGEKVEL TLQSGETLQA DVVIYGIGIS ANDQLAREAN LDTANGIVID EACRTCDAI FAGGDVAITR LDNGALHRCE SWENANNQAQ IAAAAMLGLP LPRLPPWFW SDQYSDNLQF IGD MHGDDWI CRGNPETQKA IWFNLQNGVL IGAVTLNQGR EIRPIRKWIQ SGKTFNAKLL TDEDIALKSL
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.