



Recombinant Homoprotocatechuate catabolism bifunctional isomerase/decarboxylase (hpcE)

Product Code	CSB-EP327664ENL
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.	P37352
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MKGTIFAVAL NHRSQLDAWQ EAFQQSPIKA PPKTAVWFIK PRNTVIGCGE PIFPQGENL LSGATVALIV GKTATKVREE DAAEYIAGYA LANDVSLPEE SFYRPAIKAK CRDGFCEPIGE TVALSNDNL TIYTEINGRP ADHWNTSDLQ RNAAQLLSAL SEFATLNPGD AILLGTPQAR VEIQPGDRVR VLAEGFPPL NPVVDEREVT TRKSFPTLPH PHGTLFALGL NYADHASELE FKPPEEPLVF LKAPNTLTGD NQTSVRPNNI EYMHYEAELV VVIGKQARNV SEADAMDYVA GYTVCNDYAI RDYLENYRPNLRVKS RDGL TPMLSTIVPK EAIPDPHNL LRTFVNGELR QQGTTADLIF SVPFLIAYLS EFMTLNPGDM IATGTPKGLS DVGDEVVVEV EGVGRLVNRI VSEETAK
Source	E.coli
Target Names	hpcE
Protein Names	Recommended name: Homoprotocatechuate catabolism bifunctional isomerase/decarboxylase Including the following 2 domains: 2-hydroxyhepta-2,4-diene-1,7-dioate isomerase Short name= HHDD isomerase EC= 5.3.3.10 Alternative name(s):
Expression Region	1-427
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



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