



Recombinant 4-hydroxyphenylacetate degradation bifunctional isomerase/decarboxylase (hpaG)

Product Code	CSB-EP670512ENL-B
Abbreviation	hpaG
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.	Q46978
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MKGTIFAVAL NHRSQLDAWQ EAFQQSPYKA PPKTAVWFIK PRNTVIGCGE PIFPQGEKV LSGATVALIV GKTATKVREE DAAEYIAGYA LANDVSLPEE SFYRPAIKAK CRDGFCEPIGE TVALSNDNL TIYTEINGRP ADHWNTADLQ RNAAQLLSAL SEFATLNPGD AILLGTPQAR VEIQPGDRVR VLAEGFPPLP NPVVDEREVT TRKSFPTLPH PHGTLFALGL NYADHASELE FKPPEEPLVF LKAPNTLTGD NQTSVRPNNI EYMHYEAELV VVIGKQARNV SEADAMDYVA GYTVCNDYAI RDYLENYRYP NLRVKSRDGL TPMLSTIVPK EAIPDPHNL LRTFVNGELR QQGTTADLIF SVPFLIAYLS EFMTLNPGDM IATGTPKGLS DVVPGDEVVV EVEGVGRLVN RIVSEETAK
Source	E.coli
Target Names	hpaG
Protein Names	Recommended name: 4-hydroxyphenylacetate degradation 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	1-429
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.



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