



Recombinant Escherichia coli 3- (3-hydroxy-phenyl)propionate/3-hydroxycinnamic acid hydroxylase

Product Code	CSB-EP302865ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77397
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MAIQHPDIQP AVNHSVQVAI AGAGPVGLMM ANYLGQMID VLVVEKLDKL IDYPRAIGID DEALRTMQSV GLVDDVLPHT TPWHAMRFLT PKGRCFADIQ PMTDEFGWPR RNAFIQPQVD AVMLEGVSRF PNVRCFLSRE LEAFSQQDDE VTLHLKTAEG QREIVKAQWL VACDGGASFV RRTLNVPFEG KTAPNQWIVV DIANDPLSTP HIYLCCDPVR PYVSAALPHA VRRFEFMVMP GETEEQLREP QNMRKLLSKV LPNPDNVELI RQRVYTHNAR LAQRFRIDRV LLAGDAAHIM PVWQQGGYNS GMRDAFNLAW KLALVIQGKA RDALLDTYQQ ERRDHAKAMI DLSVTAGNVL APPKRWQGTL RDGVSWLLNY LPPVKRYFLE MRFKPMQYY GGALMREGEA KHSPVGKMFQ QPKVTLENGD VTLLEDNAIGA NFAVIGWGCN PLWGMSEDEI QQWRALGTRF IQVVEVQIH TAQDNHGDVLR RVGDTQGRRLR SWFAQHNASL VVMRPDRFVA ATAIPQTLGK TLNKLASVMT LTRPDADVSV EKVA
Source	E.coli
Target Names	mhpA
Protein Names	Recommended name: 3-(3-hydroxy-phenyl)propionate/3-hydroxycinnamic acid hydroxylase Short name= 3-HCl hydroxylase Short name= 3-HPP hydroxylase EC= 1.14.13.127
Expression Region	1-554
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.