



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

Product Code	CSB-EP487442ENM-B
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.	B7L503
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain 55989 / EAEC)
Purity	>85% (SDS-PAGE)
Sequence	MAIQHPDIQP AVNHSVQVAI AGAGPVGLMM ANYLGQMGID VLVVEKLDKL IDYPRAIGID DEALRTMQSV GLVDDVLPHT TPWHAMRFLT PKGRCFADIQ PMTDEFGWPR RNAFIQPQVD AVMLEGVSRF PNVRCLFSRE LEAFSQQDDE VTLHLKTAEG QREIVKAQWL VACDGGASFV RRTLNVPFEG KTAPNQWIVV DIANDPLSTP HIYLCCDPVR PYVSAALPHA VRRFEFMVMP GETEEQLREP QNMRKLLSKV LPNPDNVELI RQRVYTHNAR LAQRFRIDRV LLAGDAAHIM PVWQQGGYNS GMRDAFNLAW KLALVIQGKA RDALLDTYQQ ERRDHAKAMI DLSVTAGNVL APPKRWQGTI RDGVSWLLNY LPPVKRYFLE MRFKPMQYY GGALVREGEA KHSPVGKMF I QPKVTLENGD VTLIDNAIGA NFAVIGWGCN PLWGMSEDEI QQWRALGTRF IQVPEVQIH TAQDNHDGVL RVGDTQGRLR SWFAQHNASL VVMRPDRFVA ATAIPQTLGK TLNKLASVMT LTRPADVSV EKVA
Source	E.coli
Target Names	mhpA
Protein Names	Recommended name: 3-(3-hydroxy-phenyl)propionate/3-hydroxycinnamic acid hydroxylase Short name= 3-HCI 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.