



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

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|--------------------------|--|
| <b>Product Code</b>      | CSB-EP487442ENM  |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | B7L503   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain 55989 / EAEC)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAIQHPDIQP AVNHSVQVAI AGAGPVGLMM ANYLGQMID 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 APPKRWQGTLDGVSLLNY LPPVKRYFLE MRFKPMQYY GGALVREGEA KHSPVGKMFQPKVTLENGD VTLDNAIGA NFAVIGWGCN PLWGMSEDEQI QQWRALGTRF IQVPEVQIH TAQDNHDGVL RVGDTQGRLR SWFAQHNASL VVMRPDRFVA ATAIPQTLGK TLNKLASVMT LTRPADVSV EKVA |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | mhpA   |
| <b>Protein Names</b>     | 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  |
| <b>Expression Region</b> | 1-554  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.

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