



# Recombinant Escherichia coli 3-phenylpropionate/cinnamic acid dioxygenase subunit alpha (hcaE)

<b>Product Code</b>	CSB-EP359652ENV-B
<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>	P0ABR5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTTPSDLNIY QLIDTQNGRV TPRIYTPDI YQLELERIFG RCWLFLAHES            QIPKPGDFFN TYMGEDAVVV VRQKDGSIKA FLNQCRHRAM RVSYADCGNT            RAFTCPYHGW SYGINGELID VPLEPRAYPQ GLCKSHWGLN EVPCVESYKG            LIFGNWDTSA PGLRDYLGDI AWYLDGMLDR REGGTEIVGG VQKWWINCNW            KFPAEQFASD QYHALFSHAS AVQVLGAKDD GSDKRLGDGQ TARPVWETAK            DALQFGQDGH GSGFFFTEKP DANVWVDGAV SSYYRETYAE            AEQRLGEVRA LRLAGHNNIF PTLSWLNGTA TLRVWHPRGP DQVEVWAFCI            TDKAASDEVK AAFENSATRA FGPAGFLEQD DSENWCEIQK LLKGHRARNS            KLCLEMGLGQ EKRRDDGIPG ITNYIFSETA ARGMYQRWAD LLSSESWQEV            LDKTAAYQQE VMK</p>
<b>Source</b>	E.coli
<b>Target Names</b>	hcaE
<b>Protein Names</b>	Recommended name: 3-phenylpropionate/cinnamic acid dioxygenase subunit alpha EC= 1.14.12.19 Alternative name(s): Digoxigenin subunit alpha
<b>Expression Region</b>	1-453
<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.
<b>Shelf Life</b>	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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