



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

Product Code	CSB-EP359653EOD
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.	P0ABR6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MTTPSDLNIY QLIDTQNGRV TPRIYTDPI YQLELERIFG RCWLFLAHES QIPKPGDFFN TYMGEDAVVV VRQKDGSIKA FLNQCRHRAM RVSADCGNT RAFTCPYHGW SYGINGELID VPLEPRAYPQ GLCKSHWGLN EVPCVESYKG LIFGNWDTSA PGLRDYLGDI AWYLDGMLDR REGGTEIVGG VQKWVINCNW KFPAEQFASD QYHALFSHAS AVQVLGAKDD GSDKRLGDGQ TARPVWETAK DALQFGQDGH GSGFFFTEKP DANVWVDGAV SSYYRETYAE AEQRLGEVRA LRLAGHNNIF PTLSWLNGTA TLRVWHPRGP DQVEVWAFCI TDKAASDEVK AAFENSATRA FGPAGFLEQD DSENWCEIQK LLKGHRARNS KLCLEMGLGQ EKRRDDGIPG ITNYIFSETA ARGMYQRWAD LLSSESWEV LDKTAAYQQE VMK
Source	E.coli
Target Names	hcaE
Protein Names	Recommended name: 3-phenylpropionate/cinnamic acid dioxygenase subunit alpha EC= 1.14.12.19 Alternative name(s): Digoxigenin subunit alpha
Expression Region	1-453
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.