



# Recombinant *Pseudomonas putida* Camphor 5-monooxygenase (camC)

<b>Product Code</b>	CSB-EP365402FFZ-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>	P00183
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Pseudomonas putida</i> ( <i>Arthrobacter siderocapsulatus</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	TTETIQSNA NLAPLPPHPV EHLVDFDFMY NPSNLSAGVQ EAWAVLQESN VPDLVWTRCN GGHWIATRGQ LIREAYEDYR HFSSECPFIP REAGEAYDFI PTSMDPPEQR QFRALANQVV GMPVVVKLEN RIQELACSLI ESLRPQGQCN FTEDYAEPFP IRIFMLLAGL PEEDIPHLKY LTDQMTRPDG SMTFAEAKA LYDYLIPIE QRRQKPGTDA ISIVANGQVN GRPITSDEAK RMCGLLLVGG LDTVVNFLSF SMEFLAKSPE HRQELIERPE RIPAACEELL RRFSLVADGR ILTSDYEFHG VQLKKGDQIL LPQMLSGLDE RENACPMHVD FSRQKVSHTT FGHGSHLCLG QHLARREIIV TLKEWLTRIP DFSIAPGAQI QHKSGIVSGV QALPLVWDPA TTKAV
<b>Source</b>	<i>E.coli</i>
<b>Target Names</b>	camC
<b>Protein Names</b>	Recommended name: Camphor 5-monooxygenase EC= 1.14.15.1 Alternative name(s): Cytochrome P450-cam Short name= Cytochrome P450cam
<b>Expression Region</b>	2-415
<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 of Mature 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. 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.