



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

Product Code	CSB-MP365402FFZ
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.	P00183
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	Mammalian cell
Target Names	camC
Protein Names	Recommended name: Camphor 5-monooxygenase EC= 1.14.15.1 Alternative name(s): Cytochrome P450-cam Short name= Cytochrome P450cam
Expression Region	2-415
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 of Mature 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.