



Recombinant Pseudomonas putida Benzene 1,2-dioxygenase subunit beta (bnzB)

Product Code	CSB-EP405973PZN-B
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.	A5W4F1
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas putida (strain ATCC 700007 / DSM 6899 / BCRC 17059 / F1)
Purity	>85% (SDS-PAGE)
Sequence	MIDSANRADV FLRKPAPVAP ELQHEVEQFY YWEAKLLNDR RFEEWFALLA EDIHYFMPPIR TTRIMRDSRL EYSGSREYAH FDDDATMMKG RLRKITSDVS WSENPARSTR HLVSVMIVG AEAEGEYEIS SAFIVYRNRL ERQLDIFAGE RRDTLRRNTS EAGFEIVNRT ILIDQSTILA NNLSFFF
Source	E.coli
Target Names	bnzB
Protein Names	Recommended name: Benzene 1,2-dioxygenase subunit beta EC= 1.14.12.3 Alternative name(s): Benzene 1,2-dioxygenase P2 subunit Toluene 2,3-dioxygenase subunit beta EC= 1.14.12.11
Expression Region	1-187
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.