



Recombinant *Pseudomonas putida* Metapyrocatechase (xylE)

Product Code	CSB-YP356892FFZ
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.	P06622
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MNKGVMRPGH VQLRVLDMSK ALEHYVELLG LIEMDRDDQG RVYLKAWTEV DKFSLVLR EA DEPGMDFMGF KVVDEDALRQ LERDLMAYGC AVEQLPAGEL NSCGRRVRFQ APSGHHFELY ADKEYTGKWG LNDVNPEAWP RDLKGMAAVR FDHALMYGDE LPATYDLFTK VLGFYLAEQV LDENGTRVAQ FLSLSTKAHD VAFIHHPEKG RLHHVSFHLE TWEDLLRAAD LISMTDTSID IGPTRHGLTH GKTIIYFFDPS GNRNEVFCGG DYNYPDHKPV TWTTDQLGKA IFYHDRILNE RFMTVLT
Source	Yeast
Target Names	xylE
Protein Names	Recommended name: Metapyrocatechase Short name= MPC EC= 1.13.11.2 Alternative name(s): CatO2ase Catechol 2,3-dioxygenase
Expression Region	1-307
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.