



Recombinant Pseudomonas putida 3-methylcatechol 2,3-dioxygenase (todE)

Product Code	CSB-EP320228PZN
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.	P13453
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas putida (strain ATCC 700007 / DSM 6899 / BCRC 17059 / F1)
Purity	>85% (SDS-PAGE)
Sequence	SIQRLGYLG FEVADVRSWR TFATTRLGMM EASASETEAT FRIDRAWRL SVSRGPADDY LFAGFEVDSE QGLQEVKESL QAHGVTVKVE GGELIAKRGV LGLISCTDPF GNRVEIYYGA TELFERPFAS PTGVSGFQTG DQGLGHYVLS VADVDAALAF YTKALGFQLA DVIDWTIGDG LSVTLYFLYC NGRHHSFAFA KLPGSKRLHH FMLQANGMDD VGLAYDKFDA ERAVVMVSLGR HTNDHMISFY GATPSGFAVE YGWGAREVTR HWSVVRYDRI SIWGHKFQAP A
Source	E.coli
Target Names	todE
Protein Names	Recommended name: 3-methylcatechol 2,3-dioxygenase EC= 1.13.11.-
Expression Region	2-291
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.