



Recombinant Pseudomonas aeruginosa L-ornithine 5-monooxygenase (pvdA)

Product Code	CSB-EP706553EZC-B
Abbreviation	pvdA
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.	Q51548
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas aeruginosa (strain ATCC 15692 / DSM 22644 / CIP 104116 / JCM 14847 / LMG 12228 / 1C / PRS 101 / PAO1)
Purity	>85% (SDS-PAGE)
Sequence	MTQATATAVV HDLIGVGFPG SNIALAIALQ ERAQAQGALE VLFLDKQGDY RWHGNTLVSQ SELQISFLKD LVSLRNPTSP YSFVNYLHKH DRLVDFINLG TFYPCRMEFN DYLRWVASHF QEQSRYGEEV LRIEPMLSAG QVEALRVISR NADGEELVRT TRALVVSPGG TPRIPQVFRA LKGDGRVFHH SQYLEHMAKQ PCSSGKPMKI AIIGGGQSAA EAFIDLNSY PSVQADMILR ASALKPADDS PFVNEVFAPK FTDLIYSREH AERERLLREY HNTNYSVVDV DLIERYGVF YRQKVSGIPR HAFRCMTTVE RATATAQGIE LALRDAGSGE LSVETYDAVI LATGYERQLH RQLLEPLAEY LGDHEIGRDY RLQTDERCKV AIYAQGFSQA SHGLSDTLLS VLPVRAEEIS GSLEYHLKPG TAARALHEHA LAS
Source	E.coli
Target Names	pvdA
Protein Names	Recommended name: L-ornithine 5-monooxygenase EC= 1.13.12.- Alternative name(s): L-ornithine N(5)-oxygenase
Expression Region	1-443
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.