



Recombinant *Pseudomonas putida* Phthalate 4,5-dioxygenase oxygenase subunit (pht3)

Product Code	CSB-EP313137FFZ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q05183
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MLTPEENLLL CRVEGDAPMG QMMRRHWTPV CLLEEVSEPD GTPVRARLFG EDLVVFRDTD GRVGVMD EYC PHRRVSLIYG RNENGLRCL YHGWMKMDVDG NVVEMVSEPA ASNMCQKVKH TAYKTREWGG FVWAYMGPQD AIPEFVPPAW APHEHVRVSI AKAIIPC NWA QILEGAIDSA HSSSLHSSDF VPARVGGAEA TSKNWL RPST DKAPRMQVER TSYGFRYAAL RRPIQNAATS EYVRSTVFVA PATALIPPNN LYNVANINVP IDDTHTAFYF MAWGNPDNTP ETETWRKFLG QQVGIDLDDS YRPLRNDG NR FFQDREAMKN GNFTGIK GFP NQDIAMWVTM GPIADRSDER LGASDLAVVE FRRVMLDALA AFQAGESAIG TGEKAIPSRI CSFQAIVSKD IDWRDYQARY VWALDDANIV AEPDYE VHT
Source	E.coli
Target Names	pht3
Protein Names	Recommended name: Phthalate 4,5-dioxygenase oxygenase subunit EC=1.14.12.7
Expression Region	1-439
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.