



Recombinant 3-octaprenyl-4-hydroxybenzoate carboxy-lyase (ubiD)

Product Code	CSB-EP714865YAH-B
Abbreviation	ubiD
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.	Q66FS1
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MISMKYRDLR DFLSLLEQRG ELKRISQPID PYLEMTEIAD RTLRAGGPAL LFENPKGYSM PVLCLNLFGT KRVAMGMGQE DVSALRDVGK LLAFLKEPDP PKGFRDLFDK LPKFKQVLNM PTKRLNSAPC QEQVWQGEDV DLSRIPVMHC WPEDAAPLVS WGLTITRGPH KERQNLGIYR QQVLGKNKLI MRWLSHRGGA LDYQEWCEAH PGERFPVAVA LGADPATILA AVTPVPDTLS EYAFAGLLRG HKTEVVKCLS NDLEVPASAE IVLEGYIEQG DMAPEGPYGD HTGYNEIDN FPVFTVTHIT QRQDAIYHST YTGRPPDEPA VMGVALNEVF VPILQKQFPE IVDFYLPPEG CSYRLAVVTI KKQYAGHAKR VMMGVWSFLR QFMYTKFVIV CDDDINARDW NDVIWAITTR MDPSRDTVLI ENTPIDYLDF ASPVSGLGSK MGLDATNKWP AETPREWGRP IKMDEDVRAR IDALWDELAI FSDKDAKR
Source	E.coli
Target Names	ubiD
Protein Names	Recommended name: 3-octaprenyl-4-hydroxybenzoate carboxy-lyase EC=4.1.1.- Alternative name(s): Polyprenyl p-hydroxybenzoate decarboxylase
Expression Region	1-498
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.