



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

Product Code	CSB-EP769489SZB
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.	Q83PG4
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MDAMKYNDLR DFLTLEQQG ELKRITLPVD PHLEITEIAD RTLRAGGPAL LFENPKGYSM PVLCLNLFGTP KRVAMGMGQE DVSTLREVGK LLAFLKEPEP PKGFRDLFDK LPQFKQVLNM PTKRLRGAPC QKIVSGDDV DLNRIPIMTC WPEDAAPLIT WGLTVTRGPH KERQNLGIYR QQLIGKNKLI MRWLSHRGGA LDYQEWCAAH PGERFPVSA LGADPATILG AVTPVPDTLS EYAFAGLLRG TKTEVVKCIS NDLEVPASAE IVLEGYIDPG EMAPEGPYGD HTGYYNEVDN FPVFTVTHIT QREDAIYHST YTGRPPDEPA VLGVALNEVF VPILQKQFPE IVDFYLPPEG CSYRLAVVTI KKQYAGHAKR VMMGVWSFLR QFMYTKFVIV CDDVDNARDW NDVIWAITTR MDPARDTVLV ENTPIDYLDL ASPVSGLGSK MGLDATNKWP GETQREWGRP IKKDPDVAH IDAIWDELAI FNNGKSA
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	1-497
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.