



Recombinant Solanum tuberosum 9-divinyl ether synthase (DES)

Product Code	CSB-EP858959FIG
Abbreviation	DES
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.	Q9AVQ1
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	MSSYSELSNL PIREIPGDYG FPIISAIKDR YDYFYNQGED AWFHNKAEKY KSTVVKINMA PGPFTSNDYK LVAFLDANSF VCMFDNSLID KDTDLGGTFK PGKEYYSGYR PVAFIDTKDP NHAALKGYL SAFAKRHNLF IPLFRNSLSD HLFNNLEKQV TEQGKSDFNA LLPTMTFNFI FRLLCDQTNP SDTVLGAQGP EHLRKWLFPQ LIPSLSAKKL PNIIEDTLFH NFLIPFGFIK SDYNKLVDFA SKSAVSILDE AEKLGKREE AVQNILFLVG INMFAGLNAF SPHLFRFVGE AGASLHTQLA KEIRTVIKKE GGAILLSAIN KMSLVKSVVY ETLRLRPPVP LQYGKAKKDF MVQSHDASYK INKGQFVVG Y QPMASRPDKI FANPDEFVPD RFMNDGEKML KHVLWSNGRE TENPAPDNKQ CPGKDLVHLL GRLILVEFFM RYDTFTVEIT PLFRAPNVAF KTLTKASK
Source	E.coli
Target Names	DES
Protein Names	Recommended name: 9-divinyl ether synthase Short name= StDES EC= 4.2.1.121 Alternative name(s): Colneleate synthase Cytochrome P450 74D2
Expression Region	1-478
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.