



Recombinant Arabidopsis thaliana Solanesyl diphosphate synthase 1 (SPS1)

Product Code	CSB-EP840457DOA
Abbreviation	SPS1
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.	Q8S948
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MMTSCRNIDL GTMMMACGCG RRQFPSLAKT VCKFTSSNRS YGGLVGSCKA VPTKSKEISL LNGIGQSQTV SFDLKQESKQ PISLVTLFEL VAVDLQTLND NLLSIVGAEN PVLISAAEQI FGAGGKMRMP GLVFLVSHAT AELAGLKELT TEHRLAEII EMIHTASLIH DDVLDESDMR RGKETVHEL GTRVAVLAGD FMFAQASWYL ANLENLEVIK LISQVIK DFA SGEIKQASSL FDCDTKLDEY LLKSFYKTAS LVAASTKGAA IFSRVEPDVT EQMYEFGKNL GLSFQIVDDI LDFTQSTEQL GKPAGSDLAK GNLTAPVIFA LEREPRLEI IESEFCEAGS LEEAIEAVTK GGGIKRAQEL AREKADDAIK NLQCLPRSGF RSALEDMVLY NLERID
Source	E.coli
Target Names	SPS1
Protein Names	Recommended name: Solanesyl diphosphate synthase 1 Short name= AtSPS1 EC= 2.5.1.85 Alternative name(s): All-trans-nonaprenyl-diphosphate synthase 1 (geranylgeranyl-diphosphate specific)
Expression Region	1-406
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.