



Recombinant *Synechococcus elongatus* 2-C-methyl-D-erythritol 4-phosphate cytidyltransferase (ispD)

Product Code	CSB-YP656038FPY
Abbreviation	ispD
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.	Q31QF6
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MHLLIPAAGS GRRFGADRNK LLLPLLGQPV LAWTLQAADQ AQSITWIGII GQPGDRADIE ALVDQLQLAT PVSWIQGGRE RQESVFENGLR SLPSGAQQVL IHDGARCLAT PTLFDRCSAA LQTCPAFVAA VPVKDTIKQV AADGTIAATP DRSTLWAAQT PQGFTVESLL RCHRQGLEQQ LAVTDDAALL EAFGLPVQIV EGEETNLKVT TPADLAI AEL ILKQRQFTAA IA
Source	Yeast
Target Names	ispD
Protein Names	Recommended name: 2-C-methyl-D-erythritol 4-phosphate cytidyltransferase EC= 2.7.7.60 Alternative name(s): 4-diphosphocytidyl-2C-methyl-D-erythritol synthase MEP cytidyltransferase Short name= MCT
Expression Region	1-232
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.