Recombinant Nitrosomonas europaea 4-diphosphocytidyl-2-C-methyl-D-erythritol kinase (ispE)

Product Code	CSB-YP767693NHH
Abbreviation	ispE
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.	Q82TQ3
Product Type	Recombinant Protein
Immunogen Species	Nitrosomonas europaea (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
Purity	>85% (SDS-PAGE)
Sequence	MDIFPAPAKL NLFLHVIGRR EDGYHLLQTV FRFIDHSDRL HFDITHDGVI RHENLIPGLT ETDDLCVRAA KLLRQRFGRE SLGVKIHLEK NIPLGGGLGG GSSDAATTLI ALNRLWGINW KRERLMALGL ELGADVPVFI YGRNAFAEGV GEELHAVDLP SAWYVVLTPP VQISTAAVFT SKELTRNTIP IKMAAFSMGQ GHNDLEPVAM RMQPVIAGWL GWLKQQHGTT KVAMSGSGSC MFAEFPSESA AREVFGRLPG DMSGFVVSGL ARHPLSDF
Source	Yeast
Target Names	ispE
Protein Names	Recommended name: 4-diphosphocytidyl-2-C-methyl-D-erythritol kinase Short name= CMK EC= 2.7.1.148 Alternative name(s): 4-(cytidine-5'-diphospho)-2-C-methyl-D-erythritol kinase
Expression Region	1-278
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.