



Recombinant Escherichia coli Methylmalonyl-CoA mutase (scpA)

Product Code	CSB-EP015243ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P27253
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MSNVQEWQQL ANKELSRREK TVDSL VHQTA EGI AIKPLYT EADLDNLEVT GTL PGLPPYV RGRATMYTA QPWTIRQYAG FSTAKESNAF YRRNLAAGQK GLSVAFDLAT HRGYSDNPR VAGDV GKAGV AIDTVEDMKV LFDQIPLDKM SVSMTMNGAV LPVLAFYIVA AEEQGVTPDK LTGTIQNDIL KEYLCRNTYI YPPKPSMR II ADIIAWCSGN MPRFNTISIS GYHMGEAGAN CVQQVAFTLA DGIEYIKAAI SAGLKID DFA PRLSFFFGIG MDLFMNVAML RAARYLWSEA VSGFGAQDPK SLALRTHCQT SGWSL TEQDP YNNVIRT TIE ALAATLGGTQ SLHTNAFDEA LGLPTDFSAR IARNTQIIIQ EESELCRTVD PLAGSYYIES LTDQIVKQAR AIIQQIDEAG GMAKAIEAGL PKRMIEEASA REQSLIDQ GK RVIVGVN KYK LDHEDETDVL EIDNVMVRNE QIASLERIRA TRDDAAVTAA LNALTHAAQH NENLLAAVN AARVRATLGE ISDALEVAFD RYLVP SQCVT GVIAQSYHQS EKSASEFDAI VAQTEQFLAD NGRRPRILIA KMGQDGHDRG AKVIASAYS D LGFDVDLSPM FSTPEE IARL AVENDVHVVG ASSLAAGHKT LIPELVEALK KWGRE DICVV AGGVIPPQDY AFLQERGVAA IYGP GTPMLD SVRDV LNLIS QHHD
Source	E.coli
Target Names	scpA
Protein Names	Recommended name: Methylmalonyl-CoA mutase Short name= MCM EC= 5.4.99.2
Expression Region	1-714
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.