



# Recombinant Escherichia coli Methylmalonyl-CoA mutase (scpA)

<b>Product Code</b>	CSB-EP015243ENV
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P27253
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSNVQEWQQL ANKELSRREK TVDSL VHQTA EGI AIKPLYT EADLDNLEVT GTL PGLPPYV RGRATMYTA QPWTIRQYAG FSTAKESNAF YRRNLAAGQK GLSVAFDLAT HRGYSDNPR VAGDVGKAGV AIDTVEDMKV LFDQIPLDKM SVSMTMNGAV LPVLAFYIVA AEEQGVTPDK LTGTIQNDIL KEYLCRNTYI YPPKPSM RII ADIIAWCSGN MPRFNTISIS GYHMGEAGAN CVQQVAFTLA DGIEYIKAAI SAGLKID DFA PRLSFFFGIG MDLFMNVAML RAARYLWSEA VSGFGAQDPK SLALRTHCQT SGWSL TEQDP YNNVIRT TIE ALAATLGGTQ SLHTNAFDEA LGLPTDFSAR IARNTQIIIQ EESELCRTVD PLAGSYIYES LTDQIVKQAR AIIQQIDEAG GMAKAIEAGL PKRMIEEASA REQSLIDQGK 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
<b>Source</b>	E.coli
<b>Target Names</b>	scpA
<b>Protein Names</b>	Recommended name: Methylmalonyl-CoA mutase Short name= MCM EC= 5.4.99.2
<b>Expression Region</b>	1-714
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.