



# Recombinant Escherichia coli Methylmalonyl-CoA mutase (scpA)

<b>Product Code</b>	CSB-YP015243ENV
<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>	<p>MSNVQEWQQL ANKELSRREK TVDSL VHQTA EGI AIKPLYT EADLDNLEVT            GTLPGLPPYV RGPRATMYTA QPWTIRQYAG FSTAKESNAF YRRNLAAGQK            GLSVAFDLAT HRGYDSDNPR 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 ALAATLG GTQ            SLHTNAFDEA LGLPTDFSAR IARNTQIIIQ EESELCRTVD PLAGSYYIES            LTDQIVKQAR AIIQQIDEAG GMAKAIEAGL PKRMIEEASA REQSLIDQ GK            RVIVGVN KYK LDHEDETDVL EIDNVMVRNE QIASLERIRA TRDDAAVTAA            LNALTHAAQH NENLLAAAVN 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</p>
<b>Source</b>	Yeast
<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.