



# Recombinant Bovine Hydroxymethylglutaryl-CoA synthase, mitochondrial (HMGCS2)

<b>Product Code</b>	CSB-EP643446BO-B
<b>Abbreviation</b>	HMGCS2
<b>Storage</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.
<b>Uniprot No.</b>	Q2KIE6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TVP AVPLAKTDTW PKDVGILAME VYFPAQYVDQ TELEKFNKVE AGRYTVGLGQ TQMGFCSVQE DVNSLCLTVV QQLMERTQLP WDSVGRLEVG TETIIDKSKA VKTVLMELFQ DSGNTDIEGI DTTNACYGGT ASLFNAANWM ESSSWDGRYA LVVCGDIAVY PSGNARPTGG AGAVAMLVGP EAPLVLERGL RGTHMENVYD FYKPDVTSEY PLVDGKLSIQ CYLRALDKCY AFYRQKIEKQ WKQAGIDRPF TLDDVQYMIF HTPFCKLVQK SLARLMFNDF LLASGDTQTG IYKGLEAFRG LKLEDYTNK DVDKAFLKAS LNMFNKTKN SLYLSTYNGN MYTSSLYGCL ASLLAHNSAQ DLAGSRIGAF SYGSGLAASF FSFRVSQDAS PGSPLEKLVS STSDLQKRLA SRKRVSPEEF TEIMNQREQY YHKMNFSPPG DKNSLFPGTW YLERVDELYR RKYARRPV
<b>Source</b>	E.coli
<b>Target Names</b>	HMGCS2
<b>Protein Names</b>	Recommended name: Hydroxymethylglutaryl-CoA synthase, mitochondrial Short name= HMG-CoA synthase EC= 2.3.3.10 Alternative name(s): 3-hydroxy-3-methylglutaryl coenzyme A synthase
<b>Expression Region</b>	38-508
<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 of Mature 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.



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