



Recombinant Pig Hydroxymethylglutaryl-CoA synthase, mitochondrial (HMGCS2)

Product Code	CSB-EP010567PI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O02734
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	TVP AVPVAKADTW PKDVGILALE VYFPAQYVDQ TDLEKFDNVE AGRYTVGLGQ THMGFCSVQE DINSLCLTVV QRLMERTQLP WDSVGWLEVG TETIIDKSKS VKTVLMELFQ DSGNTDIEGI DTTNACYGGT ASLFNAANWV ESSAWDGRYA VVCGDIAVY PRGNSRPTGG AGAVAMLVGP EAPLALERGL RGTHMENAYD FYKPNATSEY PLVDGKLSIQ CYLRALDRCY TLYRQKIEKQ WKQAGIERHF TLDDLQFMIF HTPFCKLVQK SLARLMFSDF LLADSDTQSS LYKGLEAFRG QKLEDYANK DIEKAFQKAS LDLFNKKTKP SLYLSLHNGN MYTSSLYGCL ASLLSQCSAQ DLAGSRIGAF SYGSGLAASF YSLRVSQDAS PGSPLEKLVS SVSDLPERLA SRKRVSPEEF TEIMNQREQY YHKVNFTPPG DPNSLFPGTW YLERVDELYR RKYARHLV
Source	E.coli
Target Names	HMGCS2
Protein Names	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
Expression Region	38-508
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 of Mature 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.