



# Recombinant Hydroxymethylglutaryl-CoA synthase (F25B4.6)

<b>Product Code</b>	CSB-EP010567CXY
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P54871
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Caenorhabditis elegans
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSLGQLSYTP VTDVGIGAIE LYFPQNFVDQ NDLEKFNNVS SGKYTIGLGQ QQMGFCSDNE DIVSISLTVT RKLIETYKIS TDSIGCLVVG TETMIDKSKS VKTALMDLFP GNSDIEGVDI KNACFGGAQA LLHAIDWVTV NHPLDKKNAI VVVADIAIYE EGPACTGGA GAIAFLICPD ASIPIRQFS ACHMKNTWDF FKPITPIPSE YPVVDGSLSL SSYLEAVRMT YTYFISKVNR HTTGIDGLNS FDGVFLHSPF TKMVQKGLAV MNYTDSQLRH KQLNGNGVDH KLDENDRAGL AKMIELSAQV WKEKTDPLYV FNRRIGNMYT PSLFAQLLAY LAADDCVTGE KSILFFAYGS GLASAIFFGR VRQTSNLDKI RQVAIRAIKR LDDRIQFTPE EFTETLQKRE VFLRSKEIPK SPSETSLFPN TYFLDNMDKL YRRSYTLHEE PNGVQNGNGI HH
<b>Source</b>	E.coli
<b>Target Names</b>	hmgs-1
<b>Protein Names</b>	Recommended name: Hydroxymethylglutaryl-CoA synthase Short name= HMG-CoA synthase EC= 2.3.3.10 Alternative name(s): 3-hydroxy-3-methylglutaryl coenzyme A synthase
<b>Expression Region</b>	1-462
<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.