



# Recombinant Escherichia coli Malate synthase G (glcB)

<b>Product Code</b>	CSB-MP327661ENV
<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>	P37330
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SQTITQSRL RIDANFKRFV DEEVLPGTGL DAAAFWRNFD EIVHDLAPEN RQLLAERDRI QAALDEWHRS NPGPVKDKAA YKSFLRELGY LVPQPERVTV ETTGIDSEIT SQAGPQLVVP AMNARYALNA ANARWGSLYD ALYGSDIIPQ EGAMVSGYDP QRGEQVIAWV RRFLDESLPL ENGSYQDVVA FKVVDKQLRI QLKNGKETTL RTPAQFVGYR GDAAAPTCIL LKNNGLHIEL QIDANGRIGK DDPAHINDVI VEAAISTILD CEDSVAAVDA EDKILLYRNL LGLMQGTLQE KMEKNGRQIV RKLNDDRHYT AADGSEISLH GRSLLFIRNV GHLMTIPVIW DSEGNEIPEG ILDGVMTGAI ALYDLKVQKN SRTGSVYIVK PKMHGPQEVA FANKLFTRIE TMLGMAPNTL KMGIMDEERR TSLNLRSCIA QARNRVAFIN TGFLDRTGDE MHSVMEAGPM LRKNQMKSTP WIKAYERNNV LSGLFCGLRG KAQIGKGMWA MPDLMADMYS QKGDQLRAGA NTAWVPSPTA ATLHALHYHQ TNVQSVQANI AQTEFNAEFE PLLDDLLTIP VAENANWSAQ EIQQELDNNV QGILGYVVRW VEQGIGCSKV PDIHNVALME DRATLRISQ HIANWLRHGI LTKEQVQASL ENMAKVVDQQ NAGDPAYRPM AGNFANSCAF KAASDLIFLG VKQPNGYTEP LLHAWRLREK ESH
<b>Source</b>	Mammalian cell
<b>Target Names</b>	glcB
<b>Protein Names</b>	Recommended name: Malate synthase G Short name= MSG EC= 2.3.3.9
<b>Expression Region</b>	2-723
<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.



## 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.