



# Recombinant Malate synthase G (glcB)

<b>Product Code</b>	CSB-YP812542EGX
<b>Abbreviation</b>	glcB
<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>	Q8FDN6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SQTITQGRL RIDANFKRFV DEEVLPGVEL DAAAFWHNVD EIVHDLAPEN RQLLAERDRI QAALDEWHRS NPGPVKDKAA YKSFLRELGY LVPQPDHVTV ETTGIDSEIT SQAGPQLVVP AMNARYALNA ANARWGSLYD ALYGSDIIPQ EGAMVSGYDP QRGEQVIWV RRFLDESLPL ENGSYQDVVA FKVVDKQLRI QLKNGKETTL RTPAQFVGYR GDTAAPTCL LKNNGLHIEL QIDANGRIGK DDSAHINDVI VEAAISTILD CEDSVAAVDA EDKILLYRNL LGLMQGTLQE KMEKNGRQIV RKLNDDRQYT AADGSEISLH GRSLLFIRNV GHLMTIPVIW DSEGNEIPEG ILDGVMGTGAI ALYDLKVQKN SRTGSVYIVK PKMHGPQEVA FANKLFSRVE TMLGMAPNTL KMGIMDEERR TSLNLRSCIA QARNRVAFIN TGFLDRTGDE MHSVMEAGPM LRKNQMKSTP WIKAYERNNV LSGLFCGLRG KAQIGKGMWA MPDLMADMYS QKGDQLRAGA NTAWVPSPTA ATLHALHYHQ TNVQSVQANI AQTEFNAEFE PLLDDLLTIP VAENANWSVE EIQQELDNNV QGILGYVVRW VEQGIGCSKV PDIHNVALME DRATLRISQ HIANWLRHGI LTKEQVQASL ENMAKVVDQQ NAGDPAYRPM AGNFANSCAF KAASDLIFLG VKQPNGYTEP LLHAWRLREK ESH
<b>Source</b>	Yeast
<b>Target Names</b>	glcB
<b>Protein Names</b>	Recommended name: Malate synthase G 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.



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