

Malate synthase G (glcB) Recombinant Protein | glcB recombinant protein

Recombinant Escherichia coli Malate synthase G (glcB)

CATALOG # AAA115674	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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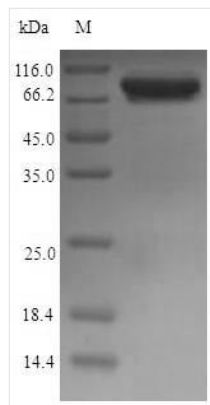
PRODUCT SYNONYMS

Malate synthase G (glcB); Recombinant Escherichia coli Malate synthase G (glcB); Malate synthase G; MSG; EC=2.3.3.9; glcB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-723aa; Full Length of Mature Protein
Sequence	SQTITQSRLR IDANFKRFVD EEVLPGTGLD AAFFWRNFDE IVHDLAPENR QLLAERDRIQ AALDEWHRSN PGPVKDKAAY KSFLRELGYL VPQPERVTVE TTGIDSEITS QAGPQLVPA MNARYALNAA NARWGSLYDA LYGSDIIPQE GAMVSGYDPQ RGEQVIWVR RFLDESLPLE NGSYQDVVAF KVVDKQLRIQ LKNGKETTLR TPAQFVG YRG DAAAPTCILL KNNGLHIELQ IDANGRIGKD DPAHINDVIV EAAISTILDC EDSVAAVDAE DKILLYRNLL GLMQGTLQEK MEKNGRQIVR KLNDDRHYTA ADGSEISLHG RSLLFIRNVG HLMTIPVIWD SEGNEIPEGI LDGVMGTGAIA LYDLKVQKNS RTGSVYIVKP KMHGPQEVAF ANKLFTRIET MLGMAPNTLK MGIMDEERT SLNLRSCIAQ ARNRVAFINT GFLDRTGDEM HSVMEAGPML RKNQMKSTPW IKAYERNNVL SGLFCGLRGK AQIGKGMWAM PDLMADMY SQ KGDQLRAGAN TAWVPSPTAA TLHALHYHQT NVQSVQANIA QTEFNAEFEP LLDDLITIPV AENANWSAQE IQQELDNVQ GILGYVVRWV EQGIGCSKVP DIHNVALMED RATLRISQIH IANWLRHGIL TKEQVQASLE NMAKVVDQQN AGDPAYRPMA GNFANSACFK AASDLIFLGV KQPNGYTEPL LHAWRLREKE SH
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for glcB recombinant protein	Involved in the glycolate utilization. Catalyzes the condensation and subsequent hydrolysis of acetyl-coenzyme A (acetyl-CoA) and glyoxylate to form malate and CoA.
Product Categories/Family for glcB recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16130876
NCBI GeneID	948857
NCBI Accession #	NP_417450.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P37330; Q2M9M0
Molecular Weight	84.4 kDa
NCBI Official Full Name	malate synthase G
NCBI Official Symbol	glcB
NCBI Official Synonym Symbols	ECK2970; glc; JW2943
NCBI Protein Information	malate synthase G
UniProt Protein Name	Malate synthase G
UniProt Gene Name	glcB
UniProt Synonym Gene Names	MSG
UniProt Entry Name	MASZ_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/glcB-recombinant-protein-e-coli/115674>