Protein Qmca (qmcA) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein QmcA (qmcA), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Protein QmcA (qmcA), partial
Product Gene Name	qmcA recombinant protein
Sequence	MLIFIPILIF VALVIVGAGV KIVPQGYQWT VERFGRYTKT LQPGLSLVVP FMDRIGRKIN MMEQVLDIPS QEVISKDNAN VTIDAVCFIQ VIDAPRAAYE VSNLELAIIN LTMTNIRTVL GSMELDEMLS QRDSINSRLL RIVDEATNPW GIKVTRIEIR DVRPPAELIS SMNAQMKAER TKRAYILEAE GIRQAEILKA EGEKQSQILK AEGERQSAFL QAEARERSAE AEARATKMVS EAIASGDIQA VNYFVAQKYT EALQQIGSSS NSKVVMMPLE ASSLMGSIAG IAELVKDSAN KRTQP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	33,743 Da
Sequence Positions	1-305
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P0AA53
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for qmcA recombinant protein	MBS1218313 is a recombinant protein targeting qmcA. Also known as Recombinant Escherichia coli Protein QmcA (qmcA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of qmcA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for qmcA. It may not necessarily be applicable to this product.

NCBI GI #	16128473
NCBI GeneID	947257
NCBI Accession #	NP_415022.1
UniProt Primary Accession #	P0AA53
UniProt Secondary Accession #	P77367; Q2MBT8
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	PHB domain membrane-anchored putative protease
NCBI Official Symbol	qmcA
NCBI Official Synonym Symbols	ECK0483; JW0478; ybbK
UniProt Protein Name	Protein QmcA
Protein Family	Protein
UniProt Gene Name	qmcA
UniProt Synonym Gene Names	ybbK
NCBI Protein Information	PHB domain membrane-anchored putative protease
NCBI Summary for qmcA	Prohibitin homology (PHB) domain. [More information is available at EcoGene: EG13258]. qmcA can act as a multicopy suppressor of a ftsH htpX double disruption mutant, though the gene is nonessential at normal growth conditions. [More information is available at EcoCyc: G6265].
UniProt Comments for qmcA	Identified as a multi-copy suppressor of an FtsH/HtpX protease double disruption mutant. May play a role in the quality control of integral membrane proteins.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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