Citrate Synthase (gltA) Rickettsia Massiliae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Citrate synthase (gltA), Recombinant Protein
Full Product Name	Recombinant Rickettsia massiliae Citrate synthase (gltA)
Product Gene Name	gltA recombinant protein
Product Synonym Gene Name	gltA
Sequence	DSEFAELKIR GKIFKLPILK ASIGEDVIDI SRVSAEADCF TYDPGFMSTA SCQSTITYID GDKGILRHRG YDIKDLAEKS DFLEVAYLLI YGELPSGEQY NNFTKQVAHH SLVNERLHYL FQTFCSSSHP MAIMLAAVGS LSAFYPDLLN FKEADYELTA IRMIAKIPTI AAMSYKYSIG QPFIYPDNSL DFTENFLHMM FATPCTKYKV NPIIKNALNK IFILHADHEQ NASTSTVRIA GSSGANPFAC ISTGIASLWG PAHGGANEVV INMLKEIGSS EYIPKYIAKA KDKNDPFRLM GFGHRIYKNY DPRAAVLKET CKEVLKELGQ LDNNPLLQIA IELEAIALKD EYFIERKLYP NVDFYSGIIY KAMGIPSQMF TVLFAIARTV GWMAQWKEMH EDPEQKISRP R
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	46,277 Da
Sequence Positions	1-411, Full length protein
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 Q59748
Species	Rickettsia massiliae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gltA recombinant protein	MBS1422588 is a recombinant protein targeting gltA. Also known as Recombinant Rickettsia massiliae Citrate synthase (gltA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gltA 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 gltA. It may not necessarily be applicable to this product.

NCBI GI #	2493717
NCBI Accession #	Q59748.1
UniProt Primary Accession #	Q59748
NCBI Official Full Name	Citrate synthase

UniProt Protein Name	Citrate synthase
Protein Family	Citrate synthase
UniProt Gene Name	gltA
UniProt Comments for gltA	MiscellaneousCitrate synthase is found in nearly all cells capable of oxidative metabolism.
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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