Citrate Lyase Acyl Carrier Protein (citD) Streptococcus Pyogenes Serotype M6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Citrate lyase acyl carrier protein (citD), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M6 Citrate lyase acyl carrier protein (citD)
Product Gene Name	citD recombinant protein
Product Synonym Gene Name	citD
Sequence	MDIKQTAVAG SLESSDLMIT VSPNDEQTIT ITLDSSVEKQ FGNHIRQLIH QTLVNLKVTA AKVEAVDKGA LDCTIQARTI AAVHRAAGID QYDWKEIDSW NV
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	11,193 Da
Sequence Positions	1-102, 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 Q5XC34
Species	Streptococcus pyogenes serotype M6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for citD recombinant protein	MBS1437590 is a recombinant protein targeting citD. Also known as Recombinant Streptococcus pyogenes serotype M6 Citrate lyase acyl carrier protein (citD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of citD 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 citD. It may not necessarily be applicable to this product.

NCBI GI #	499224788
NCBI Accession #	WP_010922328.1
UniProt Primary Accession #	Q5XC34
GenBank Nucleotide #	WP_010922328.1
NCBI Official Full Name	citrate lyase ACP
UniProt Protein Name	Citrate lyase acyl carrier protein

UniProt Synonym Protein Names	Citrate lyase gamma chain
Protein Family	Citrate lyase acyl carrier protein
UniProt Gene Name	citD
UniProt Comments for citD	Covalent carrier of the coenzyme of citrate lyase.
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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