Citrate Lyase Acyl Carrier Protein (citD) Halothermothrix Orenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Citrate lyase acyl carrier protein (citD), Recombinant Protein
Full Product Name	Recombinant Halothermothrix orenii Citrate lyase acyl carrier protein (citD)
Product Gene Name	citD recombinant protein
Sequence	MEIKRTASAG TMESSDIMIT VKPSNNGIKI ELKSDVEKQF GNQVKKIIKN TIEGMGVKNV YIRAQDRGAL DYAIKARTRT ALERASKGAE EIEK
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	10,414 Da
Sequence Positions	1-94, 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 B8D1Z8
Species	Halothermothrix orenii (strain H 168 / OCM 544 / DSM 9562)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for citD recombinant protein	MBS1263703 is a recombinant protein targeting citD. Also known as Recombinant Halothermothrix orenii 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 #	501769723
NCBI Accession #	WP_012635413.1
UniProt Primary Accession #	B8D1Z8
GenBank Nucleotide #	WP_012635413.1
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.
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