Citrate Lyase Acyl Carrier Protein 1 (citD1) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Citrate lyase acyl carrier protein 1 (citD1), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Citrate lyase acyl carrier protein 1 (citD1)
Product Gene Name	citD1 recombinant protein
Product Synonym Gene Name	citD1
Sequence	MKINQLAVAG TLESGDVMIR IAPLDTQDID LQINSSVEKQ FGEAIRATIL EVLSRYDVRG VQLNVDDKGA LDCILRARLE TLLARASGIA ALPWEDRQ
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	10,777 Da
Sequence Positions	1-98, 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 Q7CQZ6
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for citD1 recombinant protein	MBS1339747 is a recombinant protein targeting citD1. Also known as Recombinant Salmonella typhimurium Citrate lyase acyl carrier protein 1 (citD1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of citD1 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 citD1. It may not necessarily be applicable to this product.

NCBI GI #	16764000
NCBI GeneID	1252143
NCBI Accession #	NP_459615.1
UniProt Primary Accession #	Q7CQZ6
UniProt Related Accession #	Q7CQZ6
GenBank Nucleotide #	NC_003197.2

NCBI Official Full Name	citrate lyase acyl carrier protein
NCBI Official Symbol	citD
UniProt Protein Name	Citrate lyase acyl carrier protein 1
UniProt Synonym Protein Names	Citrate lyase gamma chain 1
Protein Family	Citrate lyase acyl carrier protein
UniProt Gene Name	citD1
NCBI Protein Information	citrate lyase acyl carrier protein
UniProt Comments for citD1	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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