Citrate Lyase Subunit Beta (citE) Haemophilus Influenzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Citrate lyase subunit beta (citE), Recombinant Protein
Full Product Name	Recombinant Haemophilus influenzae Citrate lyase subunit beta (citE)
Product Gene Name	citE recombinant protein
Sequence	MKLRRSMLFV PGSNAAMLSN SFIYKPDSIM FDLEDAVALK EKDSARLLVA HALQHPLYKE IETVVRVNPL DSEFGLLDLN SVVRAGVDVV RMPKTESAQD VLDMDHAITE IEKACGREAG STKMLAAIES PLGITQANQI AFASKRLIGI ALGAEDYVRN LKTERSPEGI ELLFARCSIL QAARAAGIQA FDTVYSNANN EEGFLKEAAL IKQLGFDGKS LINPRQIELL HNLFAPTQKD VEQAKRIIEA AVEAERQGAG VVSLNGKMID APIIDRAKLV LERAKSGIRE E
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	31,855 Da
Sequence Positions	1-291, 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 P44460
Species	Haemophilus influenzae (strain 51907 / DSM 11121 / KW20 / Rd)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for citE recombinant protein	MBS1239196 is a recombinant protein targeting citE. Also known as Recombinant Haemophilus influenzae Citrate lyase subunit beta (citE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of citE 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 citE. It may not necessarily be applicable to this product.

NCBI GI #	30995348
NCBI GeneID	950915
NCBI Accession #	NP_438196.2
UniProt Primary Accession #	P44460
GenBank Nucleotide #	NC_000907.1
NCBI Official Full Name	citrate lyase subunit beta

NCBI Official Symbol	citE
UniProt Protein Name	Citrate lyase subunit beta
UniProt Synonym Protein Names	Citrate (pro-3S)-lyase subunit beta; Citryl-CoA lyase subunit (EC:4.1.3.34)
Protein Family	Citrate lyase
UniProt Gene Name	citE
UniProt Synonym Gene Names	Citrase beta chain
NCBI Protein Information	citrate lyase subunit beta
UniProt Comments for citE	Represents a citryl-ACP 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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