Cytochrome C-Type Biogenesis Protein Ccme (ccmE) Thermus Thermophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome c-type biogenesis protein CcmE (ccmE), Recombinant Protein
Full Product Name	Recombinant Thermus thermophilus Cytochrome c-type biogenesis protein CcmE (ccmE), partial
Product Gene Name	ccmE recombinant protein
Product Synonym Gene Name	ccmE
Sequence	MKGKYLLGIL VILGALGYMV FGGLGRNLVY FLTPSEYLQD QARYQNRPVR LGGLVKPGTV QYDKDRLELR FVLTDGVAEV PVFHKGTPPG MFKEGQGVVV EGRFQEGVFQ GTNLLVKHSE TYQPPKEGWT PEEVRKLIEE AQ
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	15,926 Da
Sequence Positions	1-142
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 Q5SIG4
Species	Thermus thermophilus (strain HB8 / 27634 / DSM 579)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ccmE recombinant protein	MBS1421759 is a recombinant protein targeting ccmE. Also known as Recombinant Thermus thermophilus Cytochrome c-type biogenesis protein CcmE (ccmE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ccmE 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 ccmE. It may not necessarily be applicable to this product.

NCBI GI #	499547872
NCBI Accession #	WP_011228655.1
UniProt Primary Accession #	Q5SIG4
GenBank Nucleotide #	WP_011228655.1
NCBI Official Full Name	cytochrome c biogenesis protein CcmE

UniProt Protein Name	Cytochrome c-type biogenesis protein CcmE
UniProt Synonym Protein Names	Cytochrome c maturation protein E
Protein Family	Cytochrome c-type biogenesis protein
UniProt Gene Name	ccmE
UniProt Comments for ccmE	Heme chaperone required for the biogenesis of c-type cytochromes. Transiently binds heme delivered by CcmC and transfers the heme to apo-cytochromes in a process facilitated by CcmF and CcmH.
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