# Cytochrome C-Type Biogenesis Protein Ccme (ccmE) Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Cytochrome c-type biogenesis protein CcmE (ccmE), Recombinant Protein |
| **Full Product Name** | Recombinant Yersinia enterocolitica serotype O:8 / biotype 1B Cytochrome c-type biogenesis protein CcmE (ccmE), partial |
| **Product Gene Name** | ccmE recombinant protein |
| **Sequence** | MNPRRKSRLY LAVVVLIGIG LTTTLVLYAL RSNIDLFYTP GEILQGKGER HEKPEIGQRL RIGGMVMPGS VKRDDKTLEM SFKVYDARGA VTVTYTGILP DLFREGQGVV AQGVFAEGNT INAKEVLAKH DEKYTPPEVK EAMKENHTRP AEAYNSTAAQ GNAS |
| **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** | 18,051 Da |
| **Sequence Positions** | 1-164 |
| **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 A1JJC1 |
| **Species** | Yersinia enterocolitica serotype O:8 / biotype 1B (strain 8081) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ccmE recombinant protein** | MBS1235980 is a recombinant protein targeting ccmE. Also known as Recombinant Yersinia enterocolitica serotype O:8 / biotype 1B 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.

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| **NCBI GI #** | 491300627 |
| **NCBI Accession #** | WP_005158631.1 |
| **UniProt Primary Accession #** | A1JJC1 |
| **GenBank Nucleotide #** | WP_005158631.1 |
| **NCBI Official Full Name** | cytochrome c-type biogenesis protein CcmE |
| **UniProt Protein Name** | Cytochrome c-type biogenesis protein CcmE |

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| **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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