Thiol:disulfide Interchange Protein Dsbe (dsbE) Vibrio Cholerae Serotype O1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thiol:disulfide interchange protein DsbE (dsbE), Recombinant Protein
Full Product Name	Recombinant Vibrio cholerae serotype O1 Thiol:disulfide interchange protein DsbE (dsbE), partial
Product Gene Name	dsbE recombinant protein
Product Synonym Gene Name	dsbE
Sequence	MNKKILFIPL VAFLLLAGVF ATQLMKNSAG DDPTKLESVL VGKTVPEFRL EDLAEPGKLY DQSIFKGEPL LLNVWATWCP TCYAEHQYLN ELAKQGVKII GLNYKDQRDK ATQWLNDLGN PYLISLFDGN GMLGLDLGVY GAPETFLIDA NGVIRYRHVG DVNSRNWQET LAPLYEKMLA EAKQ
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	20,651 Da
Sequence Positions	1-184
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 Q9KQE9
Species	Vibrio cholerae serotype O1 (strain 39315 / El Tor Inaba N16961)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dsbE recombinant protein	MBS1484334 is a recombinant protein targeting dsbE. Also known as Recombinant Vibrio cholerae serotype O1 Thiol:disulfide interchange protein DsbE (dsbE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dsbE 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 dsbE. It may not necessarily be applicable to this product.

NCBI GI #	15642051
NCBI GeneID	2613431
NCBI Accession #	NP_231683.1
UniProt Primary Accession #	Q9KQE9
UniProt Related Accession #	Q9KQE9

GenBank Nucleotide #	NC_002505.1
NCBI Official Full Name	thiol:disulfide interchange protein DsbE
NCBI Official Symbol	VC2051
UniProt Protein Name	Thiol:disulfide interchange protein DsbE
UniProt Synonym Protein Names	Cytochrome c biogenesis protein CcmG
Protein Family	Thiol:disulfide interchange protein
UniProt Gene Name	dsbE
UniProt Synonym Gene Names	ccmG
NCBI Protein Information	thiol:disulfide interchange protein DsbE
UniProt Comments for dsbE	Involved in disulfide bond formation. Catalyzes a late, reductive step in the assembly of periplasmic c-type cytochromes, probably the reduction of disulfide bonds of the apocytochrome c to allow covalent linkage with the heme. Possible subunit of a heme 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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