Thiol:disulfide Interchange Protein Dsba (dsbA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Thiol:disulfide interchange protein DsbA (dsbA), Recombinant Protein
Full Product Name	Recombinant Pectobacterium carotovorum subsp. carotovorum Thiol:disulfide interchange protein DsbA (dsbA)
Product Gene Name	dsbA recombinant protein
Product Synonym Gene Name	dsbA
Sequence	AEFSDGKQYV ELDKPATQEP QVLEFFSFYC PHCYQFEQVY HVPDAVKKAL PEGTKMTRYH VDFLGPLGKN LTQAWAVAMA LGVEDKITPL MFDAVQKTQT VQKPEDIREV FVKAGVSAEE FDGALNSFVV KSLVAQQEKA AADLQLRGVP AMFVNGKYMI KNDGLDTSSM DGYVKQYADV VKFLITKK
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	23,078 Da
Sequence Positions	20-207, 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 Q9RB10
Species	Pectobacterium carotovorum subsp. carotovorum (Erwinia carotovora subsp. carotovora)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dsbA recombinant protein	MBS1463527 is a recombinant protein targeting dsbA. Also known as Recombinant Pectobacterium carotovorum subsp. carotovorum Thiol:disulfide interchange protein DsbA (dsbA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dsbA 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 dsbA. It may not necessarily be applicable to this product.

NCBI GI #	497983957
NCBI Accession #	WP_010298113.1
UniProt Primary Accession #	Q9RB10
GenBank Nucleotide #	WP_010298113.1
NCBI Official Full Name	protein disulfide oxidoreductase DsbA

UniProt Protein Name	Thiol:disulfide interchange protein DsbA
Protein Family	Double-stranded DNA-binding protein
UniProt Gene Name	dsbA
UniProt Comments for dsbA	Required for disulfide bond formation in some periplasmic proteins such as PhoA or OmpA. Acts by transferring its disulfide bond to other proteins and is reduced in the process. DsbA is reoxidized by DsbB. It is required for pilus biogenesis.
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