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DsbE E.Coli

Thiol Disulfide Interchange Protein E.Coli Recombinant DsbE
RCP0684

Product Overview

Name	DsbE E.Coli

Description

Thiol Disulfide Interchange Protein E.Coli Recombinant DsbE

Accession (Primary)	P0AA86

Synonyms

Thiol:disulfide interchange protein dsbE, Cytochrome c biogenesis protein ccmG, dsbE, ccmG, yejQ, b2195, JW2183.

Introduction

DsbE is a reducing Dsb protein involved in electron transfer for cytochrome c maturation in the periplasm of Escherichia coli. DsbE is one of 12 proteins required for their assembly in the periplasm. DsbE functions is to decrease disulphide bonds formed among correctly paired cysteine residues in the cytochrome c apoproteins prior to haem attachment by CcmF and CcmH.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The DsbE protein solution contains 20mM Tris-HCl, pH-7.5, 2mM EDTA and 10% Glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MRNAEGDDPT NLESALIGKP VPKFRLESLD NPGQFYQADV LTQGKPVLLN VWATWCPTCR AEHQYLNQLS AQGIRVVGMN YKDDRQKAIS WLKELGNPYA LSLFDGDGML GLDLGVYGAP ETFLIDGNGI IRYRHAGDLN PRVWEEEIKP LWEKYSKEAA Q.

Precautions

DsbE E.Coli is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P0AA86)