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32-5309: Recombinant E.Coli Thiol Disulfide Interchange Protein

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

Description

Source : Escherichia Coli. Recombinant DsbE produced in E.Coli is a single, non-glycosylated polypeptide chain containing 161 amino acids and having a molecular mass of 18.1 kDa. DsbE is purified by conventional chromatography techniques. 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.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The DsbE protein solution contains 20mM Tris-HCl, pH-7.5, 2mM EDTA and 10% Glycerol.
Storage condition :	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.
Amino Acid :	MRNAEGDDPT NLESALIGKP VPKFRLESLD NPGQFYQADV LTQGKPVLLN VWATWCPTCR AEHQYLNQLS AQGIRVVGMN YKDDRQKAIS WLKELGNPYA LSLFDGDGML GLDLGVYGAP ETFLIDGNGI IRYRHAGDLN PRVWEEEIKP LWEKYSKEAA Q.

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