
Product Data Sheet

Product Name: DsbA E.Coli
 Cat. No.: GP26145
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Disulfide oxidoreductase A, dsbA, rpbB, Disulfide oxidoreductase (DsbA) E Coli, DsDNA-binding protein A, Doublestranded DNA-binding protein, Disulfide oxidoreductase A periplasmic protein disulfide isomerase I, Thiol disulfide interchange protein dsbA.		
Amino Acid Sequence	MAQYEDGKQY TTLEKPVAGA PQVLEFFSFF CPHCYQFEEV LHISDNVKKK LPEGVKMTKY HVNFMGGDLG KDLTQAWAVA MALGVEDKVT VPLFEGVQKT QTIRSASDIR DVFINAGIKG EYDAAWNSF VVKSLVAQQE KAAADVQLRG VPAMFVNGKY QLNPQGMDTS NMDVVFVQQYA DTVKYLSEKK.		
Formulation	DsbA E.Coli protein (1mg/ml) is formulated in 20mM Tris-HCl buffer (pH 7.5) and 2mM EDTA.		

Introduction

Disulfide Oxidoreductase or DsbA is a protein, found in the plasma. It is part of the thioredoxin protein family. The protein creates disulfide bonds in the target proteins by contributing disulfide bond from its Cys30-Pro31-His32-Cys33 active site to a couple of cysteine residues.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

DsbA E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 190 amino acids (20-208) and having a molecular mass of 21.2 kDa. DsbA E.Coli is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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