

## Product datasheet

# Recombinant E. coli Thiol:disulfide interchange protein dsbE ab87496

[1 Image](#)

### Description

<b>Product name</b>	Recombinant E. coli Thiol:disulfide interchange protein dsbE
<b>Purity</b>	> 95 % SDS-PAGE. ab87496 is purified using conventional chromatography.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Escherichia coli
<b>Sequence</b>	MRNAEGDDPT NLESALIGKP VPKFRLES LD NPGQFYQADV LTQGKPVLLN VWATWCPTCR AEHQYLNQLS AQQIRVVGMN YKDDRQKAIS WLKELGNPYA LSLFDGDGML GLDLGVYGAP ETFLIDGNGI IRYRHAGDLN PRVWEEEEKP LWEKYSKEAA Q
<b>Amino acids</b>	26 to 185
<b>Description</b>	Recombinant <i>E. coli</i> Thiol:disulfide interchange protein dsbE

### Specifications

Our **Abpromise guarantee** covers the use of **ab87496** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Liquid

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  
pH: 7.50  
Constituents: 0.316% Tris HCl, 0.0584% EDTA, 10% Glycerol (glycerin, glycerine)

## General Info

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### Relevance

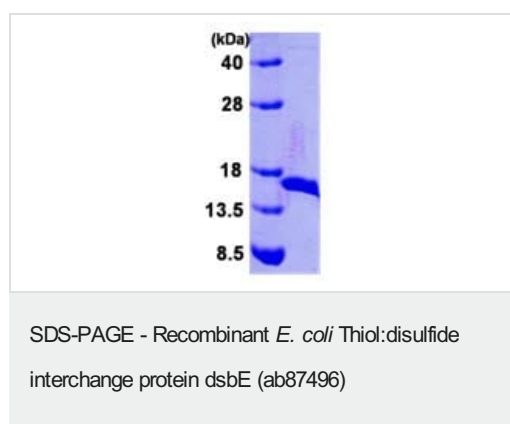
DsbE is a reducing Dsb protein implicated in electron transfer for cytochrome c maturation in the periplasm of *Escherichia coli*. DsbE is one of 12 proteins required for their assembly in the periplasm. Its postulated function is to reduce disulphide bonds formed between correctly paired cysteine residues in the cytochrome c apoproteins prior to haem attachment by CcmF and CcmH.

### Cellular localization

Cell inner membrane; Single-pass membrane protein; Periplasmic side.

## Images

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15% SDS-PAGE analysis of 3µg ab87496.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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