

Product datasheet

Recombinant E. coli Disulfide-bond isomerase protein ab51284

[1 Image](#)

Description

Product name	Recombinant E. coli Disulfide-bond isomerase protein
Purity	> 95 % SDS-PAGE. This protein was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Sequence	DDAAIQQTLA KMGIKSSDIQ PAPVAGMKTV LTNSGVLYIT DDGKHIIQGP MYDVSGTAPV NVTNKMLLKQ LNALEKEMIV YKAPQEKHVI TVFTDITCGY CHKLHEQMAD YNALGITVRY LAFPRQGLDS DAEKEMKAW CAKDKNKA FD DVMAGKSVAP ASCDVDIADH YVLGVQLGVS GTPAVVLSNG TLVPGYQPPK EMKEFLDEHQ KMTSGK
Amino acids	21 to 236
Description	Recombinant <i>E. coli</i> Disulfide-bond isomerase protein

Specifications

Our **Abpromise guarantee** covers the use of **ab51284** 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. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.242% Tris, 0.0584% EDTA
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General Info

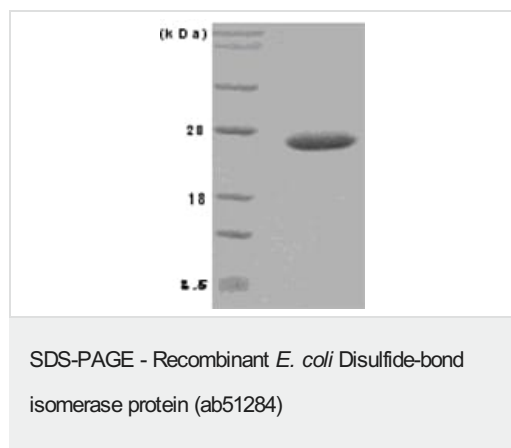
Relevance

Dsb proteins (DsbA, DsbB, DsbC, and DsbD) catalyze formation and isomerization of protein disulfide bonds in the periplasm of *Escherichia coli*. Disulphide bond isomerase (DsbC), a member of the thioredoxin superfamily, acts as a disulfide isomerase and converts aberrant disulfide bonds to correct ones. It also acts by transferring its disulfide bond to other proteins and is reduced in the process. DsbC is reoxidized by a yet uncharacterized protein.

Cellular localization

Periplasm

Images



ab51284 run on a 15% SDS-PAGE gel with molecular weight markers.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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