

Recombinant E.coli Thiol: Disulfide Interchange Protein DsbC

Cat. No. DsbC-526E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant DsbC was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 23.4kDa (216aa).
Species	<i>E.coli</i>
Source	<i>E.coli</i>
Description	Dsb proteins (DsbA, DsbB, DsbC, and DsbD) catalyze formation and isomerization of protein disulfide bonds in the periplasm of <i>Escherichia coli</i> . DsbC is periplasmic enzyme known as a disulfide isomerase and can convert aberrant disulfide bonds to correct ones. DsbC consists of 236 amino acids containing signal peptide (1-20 amino acids).
Amino Acid Sequence	DDAAIQQTLA KMGIKSSDIQ PAPVAGMKT V LTNSGVLYIT DDGKHIIQGP MYDVSGTAPV NVTNKMLLKQ LNALEKEMIV YKAPQEKHVI TVFTDITCGY CHKLHEQMAD YNALGITVRY LAFPRQGLDS DAEKEMKAIW CAKDKNKAFF DVMAGKSVAP ASCDVIDIADH YVLGVQLGVS GTPAVVLSNG TLVPGYQPPK EMKEFLDEHQ KMTSGK.
Form	Liquid. In 20 mM HepesI buffer (pH 7.5) containing 2 mM EDTA.
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION**Gene Name**

dsbC thiol:disulfide interchange protein DsbC [*Escherichia coli* APEC O1]

Synonyms

DsbC; thiol:disulfide interchange protein DsbC

Gene ID

4494927

mRNA Refseq

YP_854112

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