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DsbC

Catalog #:ENPS-298

For research use only.

Description: Disulfide-Bond Isomerase Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 216 amino acids (21-236) and having a molecular mass of 23.5 kDa.DsbC is purified by proprietary chromatographic techniques.

Synonyms: DsbC, Thiol:disulfide interchange protein dsbC.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:DDAAIQQTLA KMGIKSSDIQ PAPVAGMKTV LTNSGVLYIT DDGKHIIQGP MYDVSGTAPVNVTNKMLLKQ LNALEKEMIV YKAPQEKHVI VFTDITCGY CHKLHEQMAD YNALGITVRYLAFPRQGLDS DAEKEMKAIW CAKDKNKAFD DVMAGKSVAP ASCDVDIADH YVLGVQLGVSGTPAVVLSNG TLVPGYQPPK EMKEFLDEHQ KMTSGK.

Purity: Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:
1 mg/ml solution containing 20mM phosphate buffer pH 7.5 and 20mM EDTA.

Stability:
Disulfide-Bond Isomerase Recombinant althoμgh stable at 4°C for 1 week, should be stored desiccated below -18°C.Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Dsb proteins (DsbA, DsbB, DsbC, and DsbD) catalyze formation and isomerization of protein disulfide bonds in the periplasm of Escherichia coli. DsbC is periplasmic enzyme known as a disulfide isomerase and can convert aberrant disulfide bonds to correct ones.

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