

## Disulfide Bond Isomerase, Recombinant

Cat. No. NATE-0827

Lot. No. (See product label)

### Introduction

**Description** 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.

**Applications** Western blot; ELISA

**Synonyms** DsbC; Thiol:disulfide interchange protein dsbC

### Product Information

**Source** E. coli

**Appearance** Sterile filtered colorless solution.

**Molecular Weight** 23.5 kDa

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

**Buffer** 1 mg/ml solution containing 20mM phosphate buffer pH 7.5 and 20mM EDTA.

### Storage and Shipping Information

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