

Product information

Dsbc, 21-236aa

E.coli, Recombinant, *E.coli*

Cat. No. IBATGP3752

Full name: Protein disulfide isomerase II

NCBI Accession No.: NP_417369

Synonyms: Eck2888, JW2861, xprA

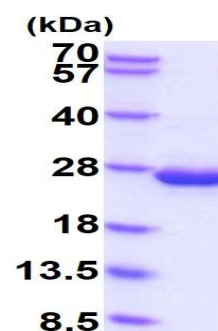
Description: Dsbc, also known as Protein disulfide isomerase II, belong to the Dsb family. DsbC is periplasmic enzyme known as a disulfide isomerase and can convert aberrant disulfide bonds to correct ones. DsbC consists of 236 amino acids containing signal peptide (1-20 amino acids). Recombinant *E.coli* Dsbc, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-Hcl buffer (pH7.5) containing 2mM EDTA

Molecular Weight: 23.5 kDa (217aa) confirmed by MALDI-TOF

Purity: > 95% by SDS-PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MDDAAIQQTL AKMGIKSSDI QPAPVAGMKT VLTNSGVLYI TDDGKHIIQG PMYDVSGTAP VNVTNKMLLK QLNALEKEMI VYKAPQEKHV
ITVFTDITCG YCHKLHEQMA DYNALGITVR YLAFPRQGLD SDAEKEMKAI WCAKDKNKAF DDVMAGKSAV PASCDDVDIAD HYALGVQLGV
SGTPAVVLSN GTLVPGYQPP KEMKEFLDEH QKMTSGK

General references:

Hayashi K., *et al.* (2006) *Mol Syst Biol.* 2:2006.0007.

Riley M., *et al.*, (2006) *Nucleic Acids Res.* 34(1):1-9.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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