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Disulfide-bond isomerase (DsbC) E.coli, Recombinant

产品货号: TP01882

第三版

别名: Disulfide-bond isomerase C, Thiol:disulfide interchange protein dsbC, xprA

描述: 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. DsbC consists of 236 amino acids containing signal peptide (1-20 amino acids). Recombinant DsbC was expressed in E. coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Hepes buffer (pH 7.5) containing 2 mM EDTA

分子量: 23.4 kDa (216aa), confirmed by MALDI-TOF

序列:

DDAAIQQTLAKMGIKSSDIQPAPVAGMKTVLTNSGVLYITDDGKHIIQGPMYDVSGTAPVNVTNKMLLKQLNALEKEMI  
VYKAPQEKHVITVFTDITCGYCHKLHEQMADYNALGITVRYLAFPRQGLDSDAEKEMKAIWCAKDKNKAFDDVMAGK  
SVAPASCDVDIADHYVLGVQLGVSGTPAVVLSNGTLVPGYQPPKEMKEFLDEHQKMTSGK

纯度: > 95% by HPLC

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

内毒素: < 1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.