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SurA, 21-428aa, E.coli, His tag, E.coli

产品货号: TP04100

第三版

别名: PPIase surA, Rotamase surA, Survival protein A, Chaperone surA

描述: SurA is a periplasmic peptidyl-prolyl isomerase (PPIase) and chaperone of Escherichia coli and other Gram-negative bacteria. This protein is a major factor in the biogenesis of beta-barrel outer membrane proteins (OMPs) and plays an integral role in cell envelope homeostasis and cell envelope functions. It is essential for the survival of E.coli in stationary phase and required for pilus biogenesis. Recombinant E.coli SurA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

分子量: 47.3 kDa(429aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAPQVVDKVA AVVNNGVVLESDVDGLMQSVKLNAAQARQQLPDDATLRHQIMERLI
MDQIILQMGQKMGVKISDEQLDQAI ANIAKQNNMTLDQMRSRLAYDGLNYNTYRNQIRKEMIISEVRNNEVRRRITILP
QEVESLAQQVGNQNDASTELNLSHILIPENPTSDQVNEAESQARAIVDQARNGADFGKLAIAHSADQQALNGGQMG
WGRIQELPGIFAQALSTAKKGDIVGPIRSGVGFHILKVNDLRGESKNISVTEV HARHILLKPSPI MTDEQARVKLEQIAADIK
SGKTTFAAAAKEFSQDPGSANQGGDLGWATPDIFDPAFRDALTRLNKGQMSAPVHSSFGWHLIELLDTRNVDKTDAAQ
KDRAYRMLMNRKFSEEAASWMQEQRASAYVKILSN

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.