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SecB, 1-155 aa, E.coli, Recombinant, E.coli

产品货号: TP03880

第三版

别名:Protein export chaperone

描述:SecB, a remarkable chaperone involved in protein export, binds diverse ligands rapidly with high affinity and low specificity. It plays a crucial role during protein export via the general secretory pathway by modulating the partitioning of precursors between folding or aggregation and delivery to the membrane-bound translocation apparatus. SecB has the potential to participate in functions outside of export acting as a general nonspecific chaperone to provide buffering capacity of the nonnative state of proteins in the cytosolic pool. Recombinant E.coli SecB protein 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:17.2 kDa (155aa)

序列:

MSEQNNTMTFQIQRIYTKDISFEAPNAPHVFQKDWQPEVKLDLDTASSQLADDVYEVVLRVTVTASLGEETAFLCEVQQ
GGIFSIAGIEGTQMAHCLGAYCPNILFPYARECITSMVSRGTFPQLNLAPVNFDAFMNYLQQQAGEGTEEHQDA

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.