

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

eFIMC, 37-241aa, E.coli, His tag, E.coli

产品货号: TP01976

第三版

别名: Periplasmic chaperone, required for type 1 fimbriae, ECK4307, JW4279.

描述: The 23 kDa two-domain periplasmic chaperone FIMC from Escherichia coli is required for the assembly of type-1 pili, which are filamentous, highly oligomeric protein complexes anchored to the outer bacterial membrane that mediate adhesion of pathogenic E. coli strains to host cell surfaces and persist in macrophages. Recombinant E. coli FIMC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT.

分子量: 25 kDa (226aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGVALGATRVIYPAGQKQEQLAVTNNDENSTYLIQSWVENADGVKDGRFIVTPPLFA
MKGKKENTLRILDATNNQLPQDRESLFWMNVKAIPSMDSKLTENTLQLAIISRIKLYYRPAKLALPPDQAAEKLRFRRSAN
SLTLINPTPYLTVTELNAGTRVLENALVPPMGESTVKLPSDAGSNITYRTINDYGALTPKMTGVME

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.