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GroES, E.coli, Recombinant, expressed in E.coli

产品货号: TP02335

第三版

别名: 10 kDa chaperonin, Protein Cpn10, groS, mopB

描述: GroES protein is the co-chaperonin of GroEL in E.coli and assists protein folding. GroEL mediated folding requires the co-chaperonin GroES which is essential for viability. GroES is composed of a single heptameric ring of 10kDa subunits that binds to the ends of the GroEL cylinder. GroES gene was amplified by PCR from E.coli and cloned into an expression vector. This protein was overexpressed in E.coli and was purified by using conventional chromatography techniques.

配方: Liquid. In 25 mM Tris buffer (pH 7.5) containing 100 mM NaCl, 5 mM DTT, 10% glycerol

分子量: 10.4kDa (97aa), confirmed by MALDI-TOF

序列:

MNIRPLHDRVIVKRKEVETKSAGGIVLTGSAAAKSTRGEVLAVGNRILENGEVKPLDVKVGDIVIFNDGYGVKSEKIDNE
EVLIMSESDILAIVEA

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.