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GrpE, E.coli, Recombinant, E.coli

产品货号: TP02339

第三版

别名:HSP-70 cofactor, Heat shock protein B25.3, HSP24

描述:GrpE, co-chaperone of E.coli, participates actively in the response to hyperosmotic and heat shock by preventing the aggregation of stress-denatured proteins in association with DnaK. This protein is the nucleotide exchange factor for DnaK and may function as a thermosensor. Several rounds of ATP-dependent interactions between DnaJ, Dna K and GrpE are required for fully efficient folding.

配方:Liquid. In 20 mM Tris buffer (pH 8.0) containing 100 mM NaCl,

分子量:21.8kDa (197aa), confirmed by MALDI-TOF

序列:

MSSKEQKTPEGQAPEEIIIMDQHHEIEAVEPEASAEQVDPRDEKIANLEAQLAEAQTRERDGLRVKAEMENLRRRTELDIEK
AHKFALEKFINELLPVIDSLDRALEVADKANPDMMSAMVEGIELTLKSM LDVVRKFGVEVIAETNVPLDPNVHQAIAMVES
DDVAPGNV L GIMQKGYTLNGRTIRAAMVTVAKAKA

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.