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hchA, 1-283aa, E.coli, His tag, E.coli

产品货号: TP02414

第三版

别名:Hsp31 molecular chaperone, ECK1963, JW1950, yedU, yzzC.

描述:HchA, also known as, Escherichia coli Hsp31, is a homodimeric member of the ThiI/DJ-1/PfpI superfamily that combines molecular chaperone and aminopeptidase activities. It uses temperature-induced exposure of structured hydrophobic domains to capture and stabilize early unfolding protein intermediates under severe thermal stress. Recombinant E. coli hchA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

分子量:33.3 kDa(303aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMTVQTSKNPQVDIAEDNAFFPSEYLSQYTSPVSDLDGVDYPKPYRGKHKILVIAADERY  
LPTDNGKLFSTGNHPIETLLPLYHLHAAGFEFEVATISGLMTKFEYWAMPHKDEKVMPPFEQHKSLFRNPKKLADVVASL  
NADSEYAAIFVPGGHGALIGLPESQDVAALQWAIKNDRFVISLCHGPA AFLALRHGDNPLNGYSICAFPDAADKQTPEIG  
YMPGHLTWYFGEELKKMGMNIIIDDITGRVHKDRKLLTGDS PF AANALGKLAAQEMLAAYAG

纯度:> 95% by HPLC

浓度:1.0 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.