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HSPB7, 1-170aa, Human, His tag, E.coli

产品货号: TP02536

第三版

别名: Heat shock protein beta-7, cvHSP, DKFZp779D0968, FLJ32733

描述: HSPB7 is a member of HSPB (Heat shock protein beta) family. The HSPB family is one of the more diverse families within the group of HSP families. Some members have chaperone-like activities and/or play a role in cytoskeletal stabilization. Some members also show a dynamic, stress-induced translocation to SC35 splicing speckles. HSPB7 constitutively localized to SC35 splicing speckles, driven by its N-terminus. Unlike HSPB1 and HSPB5, that chaperoned heat unfolded substrates and kept them folding competent, HSPB7 did not support refolding.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 200mM NaCl, 2mM DTT, 50% glycerol

分子量: 20.7kDa (190aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSHRTSSTFRAERSFHSSSSSSSSSTSSASRALPAQDPPMEKALSMFSDDFGSMRPHSEPL
AFPARGGAGNIKTLGDAYEFAVDVRDFSPEDIIVTTSNNHIEVRAEKLAADGTMNTFAHKCQLPEDVDPTSVTSALRE
DGSLTIRARRHPHTEHVQQTFRTEIKI

纯度: > 95% by HPLC

浓度: 0.25 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.