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HSP70B, 1-643aa, Human, His tag, E.coli

产品货号: TP02526

第三版

别名: Heat shock 70 kDa protein 6, HSPA6'

描述: HSP70B is a unique member of the human Hsp70 chaperone involved in cellular processes such as protein trafficking, folding, and prevention of aggregation. This protein is strictly stress-inducible, having little or no basal expression levels in most cells. HSP70B and Hsp72 are closely related and play cooperative roles in cell survival of proteotoxic stress. Recombinant human HSP70B, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 10% glycerol

分子量: 73.2 kDa (663aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMQAPRELA VGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLVGDAAK  
SQAALNPHNTVFDARLIGRKFADTTVQSDMKHWPFRV VSEGGKPKVRVCYRGEDKTFYP EEEISSMVL SKMKETA EAYL  
GQPVKHAVITVPAYFNDSQRQATKDAGAIAGLNVLRIINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVSVLSIDAGV  
FEVKATAGDTHLGGEDFDNRLVNHFMEEFRK H GKDL SGNKRALRRLRTACERAKRTLSSSTQATLEIDSLFEGVDFYTSI  
TRARFEELCSDLFRSTLEPVEKALRDAKLDKAIHDVVLVGGSTRIPKVQKLLQDFNFKELNKSINPDEAVAYGAAVQAA  
VLMGDKCEKVQDLLLLDVAPLSLGLTAGGVMTTLIQRNATIPTKQTQTFTTYS DNQPGVFIQVYEGERAMTKDNNLLG  
RFELSGIPPAPRGVVPQIEVTFDIDANGILSVTATDRSTGKANKITITNDKGRLSKEEVERMVHEAEQYKAEDAQRDRVAA  
KNSLEAHVFHVKGSLQEESLRDKIPEEDRRKMQDKCREVLAWLEHNQLAEKEEYEHQKRELEQICRPIFSRLYGGPGVPG  
GSSCGTQARQGDPTGPIIEVD
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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.