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HSC70, 1-646aa, Human, His-tag, E.coli

产品货号: TP02507

第三版

别名: Heat shock 70 kDa protein 8, HSPA8, HSC54, HSC71, HSP71, HSP73, HSPA10, LAP1, NIP71.

描述: HSC70, also known as heat shock 70 kDa protein 8, belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This protein is a heat-shock cognate protein. HSC70 binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell.

配方: Liquid. In 20mM Tris buffer (pH 8.0) containing 10% glycerol.

分子量: 73.1 kDa (666aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMSKGPVAVGIDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAKNQ
VAMNPTNTVFDKRLIGRRFDDAVVQSDMKHWPFMVVNDAGRPKVQVEYKGETKSFYPEEVSSMVLTKMKEIAEAYLG
KTVTNAVVTVPAYFNDSQRQATKDAGTIAGLNVLRRIINEPTAAAIAYGLDKKVGAEARNVLIFDLGGGTFDVSILTIEDGIFE
VKSTAGDTHLGGEDFDNRMVNHFIAEFKRKHKKDISENKRAVRRRLRTACERAKRTLSSSTQASIEIDSLYEGIDFYTSITRAR
FEELNADLFRGTLDPVEKALRDAKLDKSIHDIIVLVGGSTRIPKIQKLLQDFFNGKELNKSINPDEAVAYGAAVQAAILSGD
KSENVQDLLLLDVTPLSLGIETAGGVMTVLIKRNTTIPTKQTQFTTTYSDNQPGVLIQVYEGERAMTKDNNLLGKFELTGI
PPAPRGVPQIEVTFDIDANGILNVSAVDKSTGKENKITITNDKGRLSKEDIERMVQEAKEYKAEDEKQRDKVSSKNSLESYA
FNMKATVEDEKLQGKINDEDKQKILDKCNEIINWLDKNQTAEKEEFEHQQKELEKVCNPIITKLYQSAGGMPGGMPGGF
PGGGAPPSGGASSGPTIEEVD
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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.