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HSP105 1-858 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02519

第三版

别名: Heat shock 105kDa/110kDa protein 1, HSPH1

描述: Hsp105 is a mammalian member of the HSP105/110 family, a diverged subgroup of the HSP70 family. HSP105 exists as two isoforms, alpha and beta. Hsp105 alpha associates with Hsp70/Hsc70 as complexes in vivo and regulates the chaperone activity of Hsp70/Hsc70 negatively in vitro and in vivo. Recombinant His tagged HSP105 was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 50 mM NaCl

分子量: 100.9kDa (894aa)

序列:

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MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMSVVGGLDVGSQSCYIAVARAGGIETIANEFSDRCTPSVISF
GSKNRTIGVAAKNQQITHANNTVSNFKRFHGRAFNDPFIQKEKENLSYDLVPLKNGGVIKVMYMGEEHLFSVEQITAM
LLTKLKETAENSLKPKVTDCCVISVPSFFTDAAERRSVLDAAQIVGLNCLRLMNDMTAVALNYGIYKQDLPSLDEKPRIVVFVD
MGHSAFQVSACAFNKGKLVLTAFDPFLGGKNFDEKLVEHFCAEFKTKYKLDKSKIRALLRLYQECEKLLKLMSSNST
DLPLNIECFMNDKDVSGKMNRSQFEELCAELLQKIEVPLYSLEQTHLKVEDVSAVEIVGGATRIPAVKERIAKFFGKDISTT
LNADAEAVARGCALQCAILSPAFKVRFSVTDAVPPFISLIWNHDSSETEGVHEVFSRNHAAPFSKVLTFLLRRGPFLEAFYS
DPQGVPEAKIGRFVQVNSAQKDGEKSRVKVVRVNTHGIFTISTASMVEKVPTEENEMSSSEADMECLNQRPPENPD
TDKNVQQDNSEAGTQPQVQTDAAQTSQSPPPELTSEENKIPDADKANEKKVDQPPEAKPKIKVVNVELPIEANLVWQ
LGKDLLNMYIETEGKMIMQDKLEKERNDKNAVEEYVYEFDRDKLCPYEKFCIQDHQNFLLRLLTETEDWLYEEGEDQA
KQAYVDKLEELMKIGTPVKVRFQEAERPDKMFEELGQRLQHYAKIAADFRNKDEKYNHIDSEMKKVEKSVNEVMEWM
NNVMNAQAKKSLDQDPVVRAQEIKTKIKELNNTCEPVVTQPKPKIESPKLERTPNGPNIDKKEEDLEDKNNFGAEPHQ
NGECYPNEKNSVNMDLD
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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.