

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

HSP70 (amino acids 1-641) Human, Recombinant, His- tagged, E.coli

产品货号: TP02525

第三版

别名: Heat shock 70 kDa protein 1, HSP70.1, HSP70-1/HSP70-2, HSPA1A, HSPA1, HSPA1B

描述: Hsp70 is a human heat shock protein. Hsp70 is an important part of the cell's machinery for protein folding, and help to protect cells from stress. In most species, there are many proteins that belong to the hsp70 family. Some of these are only expressed under stress conditions, while some are present in cells under normal growth conditions and are not heat-inducible.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM DTT

分子量: 72.2kDa (661aa)

序列:

```
MGSSHHHHHHSSGLVPRGSHMAKAAAIGIDLGTTSYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAKNQ  
VALNPQNTVFDARLIGRKFQDPVQSDMKHWPFQVINDGDKPKVQVSYKGDTKAFYPEEISSMVLTKMKEIAEAYLGY  
PVTNAVITVPAYFNDSQRQATKDAGVIAGLNLRIINEPTAAAIAYGLDRTGKGERNVLIFDLGGGTFDVSILTIDDGIFEV  
KATAGDTHLGGEDFDNRLVNHVVEEFKRKHKKDISQNKRAVRRRLTACERAKRTLSSSTQASLEIDSLFEGIDFYTSITRAR  
FEELCSDLFRSTLEPVEKALRDAKLDKAQIHDLVLVGGSTRIPKVQKLLQDFNDRDLNKSINPDEAVAYGAAVQAAILMG  
DKSENVQDLLLLDVAPLSLGLLETAGGVM TALIKRNSTIPTKQTQIFTTYSDNQPGVLIQVYEGERAMTKDNNLLGRFELSGI  
PPAPRGVPQIEVTFDIDANGILNVTATDKSTGKANKITITNDKGRLSKEEIERMVQEAKEYKAEDEVRERVSANKNALESY  
AFNMKSAVEDEGLKKGKISEADKKKVLDKCQEVISWLDANTLAEKDEFEHKRKELEQVCNPIISGLYQGAGGPGPGGFGA  
QGPKGGSGSGPTIEEVD
```

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.