

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

HSF1, 1-529 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02514

第三版

别名: Heat shock factor 1, Heat shock transcription factor 1 (HSTF)

描述: Heat shock factor 1 (HSF1) is a major transactivator of heat shock proteins in response to environmental changes, and it is also involved in oogenesis, spermatogenesis, and placental development. Best known for its involvement in heat shock response, Hsf1p regulates the transcription of hundreds of targets, including genes involved in protein folding, detoxification, energy generation, carbohydrate metabolism, and cell wall organization. Recombinant HSF1, fused to His tag, 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 1 mM DTT, 50 mM NaCl

分子量: 59.4kDa (549aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMDLPVGPAGAAGPSNVPAFLTCLWTLVSDPDTDALICWSPSGNSFHVFDQGQFAKEVLP  
KYFKHNNMASFVRQLNMYGFRKVVHIEQGGLVKPERDDTEFQHPCFLRGQEQLLENIKRKVTSVSTLKSEDIKIRQDSVT  
KLLTDVQLMKGKQECMDSKLLAMKHENEALWREVASLRQKHAQQQKVVNKLIFLISLVQSNRILGVKRKIPLMLNDSG  
SAHSMPKYSRQFSLEHVHGSGPYSAPSPAYSSSSLYAPDAVASSGPIISDITELAPASPMASPGGSIDERPLSSSPLVRVKEPPSP  
PQSPRVEEASPGRPSSVDTLTLLSPTALIDSILRESEPPASVTALTDARGHTDTEGRPPSPPTSTPEKCLSVACLKDNELSDHLD  
AMDSNLDNLQTMLSSHGFSVDTSALLDLFSPSVTPDMSLPDLSSLASIQELLSPQEPPRPEAENSSPDSGKQLVHYTAQP  
LFLLDPGSVDTGSNDLPVLFELGEGSYFSEGDGFAEDPTISLLTGSEPPKAKDPTVS
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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.